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STATISTICS OF FARMER COOPERATIVES 1969-70

FARMER COOPERATIVE SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Farmer Cooperative Service provides research, management, and educational assistance to cooperatives to strengthen the economic position of farmers and other rural residents. It works directly with cooperative leaders and Federal and State agencies to improve organization, leadership, and operation of cooperatives and to give guidance to further development.

The Service (1) helps farmers and other rural residents obtain supplies and services at lower cost and to get better prices for products they sell; (2) advises rural residents on developing existing resources through cooperative action to enhance rural living; (3) helps cooperatives improve services and operating efficiency; (4) informs members, directors, employees, and the public on how cooperatives work and benefit their members and their communities; and (5) encourages international cooperative programs.

The Service publishes research and educational materials and issues *News for Farmer Cooperatives*. All programs and activities are conducted on a nondiscriminatory basis, without regard to race, creed, color, sex, or national origin.

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Highlights

The 1969-70 survey of marketing, farm supply, and related service cooperatives showed a continuing upward trend in total business volume but a decrease in number of memberships and organizations between July 1, 1969, and June 30, 1970.

Total gross business volume (including intercooperative business) handled by these cooperatives amounted to \$24.8 billion. This was an increase of 8.5 percent from the \$22.8 billion reported in the previous fiscal year.

Total net business, after adjusting the gross figure for business done between cooperatives, amounted to \$19.1 billion. This was an increase of 9.7 percent from the \$17.4 billion net in 1968-69.

The total number of farmer cooperatives decreased from 7,747 in 1968-69 to 7,719 in 1969-70, a net decrease of 28 associations. The decline largely reflects a continuing reorganization trend involving merger, consolidation, and acquisition.

Cooperative memberships totaled 6,355,000 in 1969-70, a decrease of 0.1 percent from 6,364,000 memberships reported for 1968-69. The drop continues the long-term trend of declining cooperative memberships due to the decreasing number of farmers in the United States.

The gross value of farm products marketed by cooperatives amounted to \$18.4 billion in 1969-70, an increase of 9.2 percent from the total gross volume of \$16.8 billion in 1968-69. The net value of these farm products, after eliminating duplication resulting from intercooperative business, amounted to \$14.8 billion. This represented an increase of 10.4 percent from the \$13.4 billion marketing net in the previous year.

The gross value of farm supplies handled by farmer cooperatives amounted to \$6.0 billion in 1969-70, compared with \$5.6 billion in the previous year—an increase of 6.1 percent. The net value of these supplies, after intercooperative business was eliminated, amounted to \$3.9 billion, 7.1 percent above the \$3.6 billion in 1968-69.

Receipts for services related to marketing farm products and handling farm supplies amounted to \$391 million, an increase of 11.5 percent over the 1968-69 receipts of \$351 million.

In net value of combined marketing, farm supply, and related service volume, California continued in first place with \$2 billion—11.1 percent of total net business; Minnesota remained in second place with \$1.3 billion—6.7 percent of the total; and Iowa ranked third with more than \$1.2 billion—6.6 percent of the total.

Statistics of Farmer Cooperatives, 1969-70

By Jane H. Click
History and Statistics

This report provides information on the number, membership, and business volume of farmer cooperatives classified by geographic location and by commodity and functional type. Both gross (includes

intercooperative business) and net (excludes intercooperative business) dollar volumes of cooperatives are shown.

Classification of cooperatives is discussed in the appendix, and an appendix table presents statistics for certain farmer cooperatives not included in the annual survey.¹

Cooperatives and Memberships

The survey for 1969-70 included a total of 7,719² marketing, farm supply, and related service³ cooperatives, compared with 7,747 in 1968-69. Memberships in these cooperatives totaled 6,354,980, compared with 6,363,555 in the previous survey.

Number of Cooperatives

The 7,719 marketing, farm supply, and related service cooperatives in the 1969-70 survey represented a decrease of 28 associations, or 0.4 percent, from the previous year. Much of the decrease was due to a continuing reorganization trend involving merger, consolidation, and acquisition.

Table 1 and figure 1 show that 4,763 of the 7,719 cooperatives primarily marketed farm products, 2,775 handled farm production supplies, and 181 were related service cooperatives.

Comparison of 1969-70 with 1968-69 shows that marketing cooperatives increased from 61.6 to 61.7 percent of the total number of cooperatives; farm supply cooperatives decreased from 36.1 to 36.0 percent of the total; and related service cooperatives remained at 2.3 percent of the total.

If the total of 7,790 cooperatives were used, these percentages would change to 62.1 for 4,834 marketing cooperatives; 35.6 for 2,775 farm supply cooperatives; and 2.3 for 181 service cooperatives.

¹ For information on cooperative numbers, memberships, and business volumes prior to 1950-51, see Statistics of Farmer Cooperatives, 1962-63, Farmer Cooperative Serv. Gen. Rpt. 128, appendix tables 5, 6, and 7.

² The 7,719 cooperatives are comparable with data in previous reports. However, a number of nonreporting local marketing cooperatives affiliated with a large regional association were included for the first time and would increase the number to 7,790, as shown in table 2. For comparison with past data, these associations were not included in table 1 and figure 1.

³ Related services include trucking, storage, grinding, drying, and similar services affecting the form, quality, or location of farm products and supplies handled by cooperatives. They do not include credit, electrical, or telephone services; dairy herd improvement; artificial breeding; or other types of services not directly related to marketing or purchasing activities.

The percentage changes in table 1 are due to some extent to the reclassification of cooperatives because of changes in the function from which they derive the major portion of their dollar volume. The primary examples are marketing cooperatives whose major business became the sale of farm supplies, or farm supply cooperatives in which marketing took a dominant role.

In table 2 cooperatives are classified according to the business activity that consistently accounted for the largest percentage of their dollar business volume. (See the appendix for a further discussion of the classification system.)

Table 1.—Number and percentage of marketing, farm supply, and related service cooperatives, 1950-51 to 1969-70

Period ¹	Marketing		Farm supply		Related service		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1950-51	6,519	64.8	3,283	32.6	262	2.6	10,064	100.0
1951-52	6,594	64.8	3,324	32.6	261	2.6	10,179	100.0
1952-53	6,501	64.2	3,378	33.4	249	2.4	10,128	100.0
1953-54	6,457	64.1	3,374	33.5	241	2.4	10,072	100.0
1954-55	6,330	63.9	3,346	33.8	227	2.3	9,903	100.0
1955-56	6,284	63.5	3,375	34.1	235	2.4	9,894	100.0
1956-57	6,284	63.5	3,373	34.1	234	2.4	9,891	100.0
1957-58	6,119	62.8	3,383	34.8	233	2.4	9,735	100.0
1958-59	6,042	62.5	3,387	35.1	229	2.4	9,658	100.0
1959-60	5,828	62.3	3,297	35.3	220	2.4	9,345	100.0
1960-61	5,727	62.5	3,222	35.2	214	2.3	9,163	100.0
1961-62	5,626	62.2	3,206	35.5	207	2.3	9,039	100.0
1962-63	5,502	61.8	3,211	36.0	194	2.2	8,907	100.0
1963-64	5,421	61.3	3,226	36.5	200	2.2	8,847	100.0
1964-65	5,305	61.8	3,085	35.9	193	2.3	8,583	100.0
1965-66	5,194	62.4	2,949	35.4	186	2.2	8,329	100.0
1966-67	5,076	62.5	2,871	35.3	178	2.2	8,125	100.0
1967-68	4,929	62.1	2,835	35.7	176	2.2	7,940	100.0
1968-69	4,773	61.6	2,793	36.1	181	2.3	7,747	100.0
1969-70 ²	4,763	61.7	2,775	36.0	181	2.3	³ 7,719	100.0

¹ For years prior to 1950-51, see appendix table 5, FCS General Report 128.

² Preliminary.

³ See footnote 2, p. 1.

Fig. 1

NUMBER OF COOPERATIVES, 1969-70



Minnesota, with 984 cooperatives, continued to lead in the total number of cooperatives. Wisconsin was second with 565, and Texas third with 501.

Number of Memberships

Memberships in marketing, farm supply, and related service cooperatives totaled 6,354,980 in 1969-70, a decrease of 0.1 percent from the 6,363,555 memberships reported for the previous year (table 3). The long-term trend has been one of decline, reflecting the decreasing number of farmers in the United States. Many farmers were members of more than one cooperative and were counted two or more times in the annual survey; therefore, the total membership figure of 6,354,980 contains duplication that cannot be eliminated with current reporting methods.

Membership figures often vary widely from year to year for cooperatives participating in price stabilization programs—particularly for cooperatives handling cotton, peanuts, and tobacco.

Classification of members is also affected by the diversity of services offered by cooperatives. For

example, a member may use a cooperative to market only one of the farm products handled by the cooperative, or a member may use a cooperative classified in the marketing group only for purchasing one or more types of production supplies. The member's business with the cooperative may not, therefore, be in the group that represents the cooperative's major business volume (which determines how the cooperative is classified in this report). His membership, however, will be included arbitrarily in that classification.

Minnesota continued to lead in total number of memberships with 562,815 (table 2). Wisconsin was second with 419,845, and Indiana was third with 419,800.

Table 4 shows the memberships in local and regional cooperatives classified by major business activity. Of the 7,790 cooperatives included in the 1969-70 survey, 7,129—or 91 percent—were local cooperatives. These local cooperatives had 4,141,205 memberships, or 65 percent of the total. Regional cooperatives represented 9 percent of the total and accounted for 35 percent of the memberships.

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1969-70⁽¹⁾

(Classified by major business activity)

Geographic regions and States	Bean and pea (dry edible)		Cotton and cotton products ⁽²⁾		Dairy products		Fruit and vegetable ⁽²⁾		Grain ⁽³⁾		
	Cooperatives with head-quarters in State	Estimated member-ships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated member-ships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated member-ships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated member-ships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated member-ships ⁽⁴⁾	
Numbers ⁽⁵⁾											
Maine.....	-	-	-	-	2	1,190	6	1,825	-	-	
New Hampshire.....	-	-	-	-	3	820	1	25	-	-	
Vermont.....	-	-	-	-	10	4,590	-	-	-	-	
Massachusetts.....	-	-	-	-	(6)	1,140	2	450	-	-	
Rhode Island.....	-	-	-	-	(7)	3	160	-	-	-	
Connecticut.....	-	-	-	-	3	1,085	1	10	-	-	
New England.....	-	-	-	-	21	8,985	10	2,310	-	-	
New York.....	-	-	-	-	(6)	104	13	3,070	-	-	
New Jersey.....	-	-	-	-	(6)	7	1,865	14	2,605	-	
Pennsylvania.....	-	-	-	-	38	14,655	12	1,800	-	-	
Middle Atlantic.....	-	-	-	-	149	39,355	39	7,475	-	-	
Ohio.....	-	-	-	-	18	12,125	12	3,125	94	67,645	
Indiana.....	-	-	-	-	5	8,465	2	955	47	149,940	
Illinois.....	-	-	-	-	(6)	21	11,675	(6)	7	540	
Michigan.....	1	830	-	-	15	15,135	15	4,145	20	18,225	
Wisconsin.....	-	-	-	-	(6)	188	74,850	4	250	1	1,275
East North Central	1	830	-	-	247	122,250	40	9,015	324	316,865	
Minnesota.....	-	-	-	-	287	80,415	3	245	205	120,930	
Iowa.....	-	-	-	-	68	41,990	2	375	243	127,475	
Missouri.....	-	-	(7)	-	115	7	7,350	(7)	60	25,085	
North Dakota.....	-	-	-	-	18	8,420	1	290	272	79,620	
South Dakota.....	-	-	-	-	22	12,330	-	-	133	60,280	
Nebraska.....	-	-	-	-	11	9,980	1	35	180	90,215	
Kansas.....	-	-	-	-	3	9,315	1	15	206	141,580	
West North Central	-	-	(7)	-	115	416	169,800	8	1,020	1,270	645,185
Delaware.....	-	-	-	-	(7)	235	1	1,150	-	-	
Maryland.....	-	-	-	-	5	2,535	2	435	-	-	
Virginia.....	-	-	(7)	-	2,640	6	3,845	7	395	2	455
West Virginia.....	-	-	-	-	4	1,095	1	15	-	-	
North Carolina.....	-	-	1	14,615	5	1,080	(6)	12	1,140	-	-
South Carolina.....	-	-	3	6,405	4	375	6	410	-	-	
Georgia.....	-	-	3	37,940	8	1,405	(6)	4	260	-	-
Florida.....	-	-	(7)	19,660	8	265	(6)	58	20,550	-	-
South Atlantic.....	-	-	7	81,260	40	10,835	91	24,355	2	455	
Kentucky.....	-	-	-	-	3	3,440	1	80	-	-	
Tennessee.....	-	-	1	1,850	5	8,370	3	1,530	-	-	
Alabama.....	-	-	8	19,550	1	420	-	-	1	500	
Mississippi.....	-	-	(6)	36	13,555	(7)	1,465	1	35	7	700
East South Central	-	-	45	34,955	9	13,695	5	1,645	8	1,200	
Arkansas.....	-	-	29	5,170	(7)	765	3	995	3	21,270	
Louisiana.....	-	-	(6)	12	4,135	(6)	1,260	9	915	3	465
Oklahoma.....	-	-	47	27,340	(7)	1,610	-	-	80	57,045	
Texas.....	-	-	316	96,660	4	3,265	(6)	10	1,450	66	25,420
West South Central	-	-	404	133,305	7	6,900	22	3,360	152	104,200	
Montana.....	-	-	-	-	5	2,570	2	215	45	11,745	
Idaho.....	1	145	-	-	4	3,420	3	430	11	7,735	
Wyoming.....	2	1,785	-	-	2	960	-	-	4	2,125	
Colorado.....	4	820	-	-	5	2,235	17	1,660	21	10,540	
New Mexico.....	-	-	18	4,940	(7)	125	3	105	2	1,450	
Arizona.....	-	-	5	2,870	1	175	8	610	1	100	
Utah.....	-	-	-	-	5	1,930	7	1,035	4	2,095	
Nevada.....	-	-	(7)	-	1	30	-	-	-	-	
Mountain.....	7	2,750	23	7,825	23	11,445	40	4,055	88	35,790	
Washington.....	1	450	-	-	6	1,590	47	8,340	33	11,070	
Oregon.....	(7)	15	-	-	7	1,865	19	4,485	13	4,945	
California.....	3	920	(6)	45	7,685	(6)	3,570	(6)	159	25,950	
Pacific.....	4	1,385	45	7,685	42	7,025	225	38,775	50	16,410	
Subtotal.....	12	4,965	524	265,145	954	390,290	480	92,010	1,894	1,120,105	
Alaska.....	-	-	-	-	1	395	1	25	-	-	
Hawaii.....	-	-	-	-	1	35	(6)	585	-	-	
Foreign.....	-	-	-	-	-	(7)	-	15	-	-	
UNITED STATES...	12	4,965	524	265,145	956	390,720	490	92,635	1,894	1,120,105	

See end of table for footnote references.

Continued--

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1969-70⁽¹⁾--Continued

(Classified by major business activity)

Geographic regions and States	Livestock		Nut ⁽²⁾⁽⁸⁾		Poultry and poultry products		Rice ⁽²⁾		Sugar products ⁽⁹⁾	
	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾
Numbers ⁵										
Maine.....	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	(7)	5
Massachusetts.....	1	750	-	-	1	150	-	-	1	80
Rhode Island.....	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	3	320	-	-	-	-
New England.....	1	750	-	-	4	470	-	-	1	85
New York.....	6	14,220	-	-	2	25	-	-	(6)	2
New Jersey.....	1	1,690	-	-	8	1,360	-	-	-	-
Pennsylvania.....	4	1,445	-	-	3	4,860	-	-	(7)	5
Middle Atlantic.....	11	17,355	-	-	13	6,245	-	-	2	90
Ohio.....	3	59,640	-	-	3	9,500	-	-	2	460
Indiana.....	3	44,490	-	-	-	-	-	-	(7)	10
Illinois.....	4	55,285	-	-	1	40	-	-	(7)	5
Michigan.....	6	20,245	-	-	-	-	-	-	7	3,200
Wisconsin.....	(6) (10)	106	78,865	-	2	895	-	-	(7)	65
East North Central.....	122	258,525	-	-	6	10,435	-	-	9	3,740
Minnesota.....	(6) (10)	201	104,095	-	4	650	-	-	1	335
Iowa.....	18	52,240	-	-	2	1,725	-	-	1	85
Missouri.....	12	31,795	-	-	1	35	-	-	(7)	5
North Dakota.....	(10)	43	28,125	-	-	-	-	-	(7)	145
South Dakota.....	5	9,365	-	-	5	1,230	-	-	(7)	60
Nebraska.....	3	37,685	-	-	1	150	-	-	3	1,635
Kansas.....	2	8,430	-	-	-	-	-	-	1	60
West North Central.....	284	271,735	-	-	13	3,790	-	-	6	2,325
Delaware.....	-	-	-	-	(7)	5	-	-	-	-
Maryland.....	-	-	-	-	1	135	-	-	-	-
Virginia.....	(6) 16	6,915	1	3,215	1	4,785	-	-	-	-
West Virginia.....	7	2,175	-	-	(7)	2,525	-	-	-	-
North Carolina.....	3	1,465	(7)	9,730	1	320	-	-	-	-
South Carolina.....	2	1,180	(7)	580	2	30	-	-	(7)	5
Georgia.....	2	195	1	30,000	3	85	-	-	7	75
Florida.....	2	420	-	-	2	50	-	-	2	245
South Atlantic.....	32	12,350	2	43,525	10	8,035	-	-	2	325
Kentucky.....	18	14,695	-	-	-	-	-	-	1	10
Tennessee.....	(6) 2	5,995	(7)	180	-	-	-	-	-	-
Alabama.....	8	6,875	-	-	-	-	-	-	(7)	5
Mississippi.....	2	30,200	-	-	-	-	-	2	190	(7)
East South Central.....	30	57,765	(7)	180	(7)	5	2	190	1	25
Arkansas.....	6	1,200	(7)	10	-	-	(6)	21,280	(7)	10
Louisiana.....	(7)	130	1	20	-	-	16	1,170	11	745
Oklahoma.....	2	32,675	1	5,020	1	50	-	-	-	-
Texas.....	2	7,140	1	4,710	1	45	16	3,325	1	790
West South Central.....	10	41,145	3	9,760	2	95	47	25,775	12	1,545
Montana.....	1	1,305	-	-	-	-	-	-	4	1,300
Idaho.....	6	1,895	-	-	-	-	-	-	9	3,585
Wyoming.....	2	205	-	-	-	-	-	-	3	595
Colorado.....	2	6,670	-	-	1	40	-	-	2	4,210
New Mexico.....	7	50	(7)	270	-	-	-	-	(7)	5
Arizona.....	7	3,000	(7)	20	(7)	5	-	-	17	55
Utah.....	1	2,500	-	-	2	130	-	-	9	1,055
Nevada.....	7	500	-	-	-	-	-	-	-	5
Mountain.....	12	16,125	(7)	290	3	175	-	-	27	10,810
Washington.....	2	185	(7)	180	-	-	-	-	1	875
Oregon.....	1	2,115	1	420	1	80	-	-	1	535
California.....	4	9,910	7	8,745	6	425	(6)	2,830	3	2,840
Pacific.....	7	12,210	8	9,345	7	505	6	2,830	5	4,250
Subtotal.....	509	687,960	13	63,100	58	29,755	55	28,795	65	23,195
Alaska.....	-	-	-	-	-	-	-	-	-	-
Hawaii.....	1	25	1	65	1	15	-	-	(7)	25
Foreign.....	"	150	-	-	-	-	-	-	(7)	5
UNITED STATES....	510	688,135	14	63,165	59	29,770	55	28,795	65	23,225

See end of table for footnote references.

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1969-70⁽¹⁾--Continued

(Classified by major business activity)

Geographic regions and States	Tobacco		Wool and mohair		Miscellaneous marketing ⁽¹⁾		Total marketing	
	Cooperatives with head-quarters in State	Estimated memberships ⁽¹²⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated ⁽⁴⁾ memberships	Cooperatives with head-quarters in State	Estimated ⁽⁴⁾ memberships
Number ⁵								
Maine.....	-	-	1	500	-	-	9	3,515
New Hampshire.....	-	-	-	-	-	-	4	845
Vermont.....	-	-	-	-	-	-	10	4,595
Massachusetts.....	1	10	1	(13)	-	-	10	2,580
Rhode Island.....	-	-	-	-	-	-	10	160
Connecticut.....	(7)	10	-	-	-	-	(7)	1,425
New England.....	1	20	2	500	-	-	40	13,120
New York.....	-	-	4	700	3	5,315	134	46,250
New Jersey.....	-	-	1	415	1	30	32	7,965
Pennsylvania.....	-	-	28	6,335	-	-	85	29,100
Middle Atlantic.....	-	-	33	7,450	4	5,345	251	83,315
Ohio.....	1	7,570	1	3,155	1	5	135	163,225
Indiana.....	(7)	8,250	-	-	-	-	57	212,110
Illinois.....	-	-	(7)	500	2	160	197	147,985
Michigan.....	-	-	(7)	155	7	185	71	62,120
Wisconsin.....	2	1,835	1	4,500	2	95	306	162,630
East North Central.....	3	17,655	2	8,310	12	445	766	748,070
Minnesota.....	-	5	2	10,115	5	890	708	317,680
Iowa.....	-	-	(7)	6,750	1	690	335	231,330
Missouri.....	(7)	3,365	2	1,040	-	-	53	68,850
North Dakota.....	-	-	3	420	-	-	337	117,020
South Dakota.....	-	-	(7)	6,185	1	30	166	89,480
Nebraska.....	-	-	(7)	5,690	2	265	201	145,655
Kansas.....	-	-	(7)	4,000	(7)	5	213	163,405
West North Central.....	(7)	3,370	7	34,200	9	1,880	2,013	1,133,420
Delaware.....	-	-	-	-	-	-	1	1,390
Maryland.....	1	12,000	-	-	2	405	11	15,510
Virginia.....	4	28,950	16	2,795	-	-	53	53,995
West Virginia.....	(7)	4,745	(14)	30	2,455	1	85	13,195
North Carolina.....	3	70,780	-	-	-	-	25	99,130
South Carolina.....	(7)	16,940	-	-	-	-	17	25,925
Georgia.....	(7)	12,815	-	-	1	4,200	22	86,975
Florida.....	1	2,425	-	-	4	30	77	43,645
South Atlantic.....	9	148,655	46	5,250	8	4,720	249	339,765
Kentucky.....	8	81,325	(6)	2	35	-	33	99,590
Tennessee.....	7	60,720	(6)	15	1,775	855	(6)	81,275
Alabama.....	(7)	220	-	-	1	45	19	27,615
Mississippi.....	-	-	3	535	2	500	53	47,190
East South Central.....	15	142,265	20	2,345	4	1,400	139	255,670
Arkansas.....	-	-	(7)	-	200	-	-	50,900
Louisiana.....	-	-	-	1	375	1	25	9,240
Oklahoma.....	-	-	(7)	-	1,000	-	131	124,740
Texas.....	-	-	(7)	-	500	2	50	143,355
West South Central.....	-	-	1	2,075	3	75	663	328,235
Montana.....	-	-	(6)	20	1,455	1	225	18,815
Idaho.....	-	-	-	15	2,275	3	495	19,980
Wyoming.....	-	-	-	8	810	-	-	6,480
Colorado.....	-	-	-	2	605	-	-	26,780
New Mexico.....	-	-	(7)	-	230	-	-	7,175
Arizona.....	-	-	-	-	-	-	-	6,835
Utah.....	-	-	-	4	545	1	150	33
Nevada.....	-	-	(6)	2	125	-	-	9,440
Mountain.....	-	-	-	51	6,045	5	870	675
Washington.....	-	-	-	3	295	5	150	96,180
Oregon.....	-	-	-	-	-	2	60	23,135
California.....	-	-	-	1	455	7	1,550	14,520
Pacific.....	-	-	-	4	750	14	1,760	65,275
Subtotal.....	28	311,965	166	66,925	59	16,495	4,817	3,100,705
Alaska.....	-	-	-	-	-	-	2	420
Hawaii.....	-	-	-	-	-	700	(6)	1,450
Foreign.....	-	-	-	-	-	-	-	170
UNITED STATES ...	28	311,965	166	66,925	61	17,195	4,834	3,102,745

See end of table for footnote references.

Continued--

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1969-70⁽¹⁾--Continued

(Classified by major business activity)

Geographic regions and States	Farm supply		Related service ⁽¹⁵⁾		Total	
	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾
Number ⁵						
Maine.....	5	6,980	-	-	14	10,495
New Hampshire.....	2	2,040	-	-	6	2,885
Vermont.....	3	3,700	2	335	15	8,630
Massachusetts.....	7	6,335	1	75	18	8,990
Rhode Island.....		535	1	95	1	790
Connecticut.....	9	4,045	3	215	19	5,685
New England.....	26	23,635	7	720	73	37,475
New York.....	164	87,835	4	1,150	302	135,235
New Jersey.....	14	13,425	2	100	48	21,490
Pennsylvania.....	36	52,700	5	200	126	82,000
Middle Atlantic.....	214	153,960	11	1,450	476	238,725
Ohio.....	77	82,765	2	265	214	246,255
Indiana.....	57	206,625	3	1,065	117	419,800
Illinois.....	145	233,525	19	7,400	361	388,910
Michigan.....	85	69,840	4	120	160	132,080
Wisconsin.....	239	256,610	20	605	565	419,845
East North Central.....	603	849,365	48	9,455	1,417	1,606,890
Minnesota.....	260	241,885	16	3,250	984	562,815
Iowa.....	141	187,295	2	150	478	418,775
Missouri.....	131	330,185	2	360	186	399,395
North Dakota.....	153	112,005	5	620	495	229,645
South Dakota.....	114	83,155	2	65	282	172,700
Nebraska.....	140	114,605	5	1,295	346	261,555
Kansas.....	68	45,385	2	210	283	209,000
West North Central.....	1,007	1,114,515	34	5,950	3,054	2,253,885
Delaware.....	7	11,605	-	-	8	12,995
Maryland.....	26	35,290	5	415	42	51,215
Virginia.....	63	124,240	4	2,210	120	180,445
West Virginia.....	22	35,455	1	30	66	48,680
North Carolina.....	6	54,265	7	2,285	38	155,680
South Carolina.....	1	5,860	2	170	20	31,955
Georgia.....	54	45,550	-	-	76	132,525
Florida.....	17	7,065	2	10	96	50,720
South Atlantic.....	196	319,330	21	5,120	466	664,215
Kentucky.....	51	100,755	1	25	85	200,370
Tennessee.....	92	71,950	1	105	127	153,330
Alabama.....	45	42,855	3	270	67	70,740
Mississippi.....	68	92,030	4	415	125	139,635
East South Central.....	256	307,590	9	815	404	564,075
Arkansas.....	49	47,860	1	695	106	99,455
Louisiana.....	30	8,035	6	1,880	93	19,155
Oklahoma.....	25	13,625	2	665	158	139,030
Texas.....	64	29,075	18	1,475	501	169,905
West South Central.....	168	94,595	27	4,715	858	427,545
Montana.....	83	45,200	2	350	163	64,365
Idaho.....	21	36,790	-	-	73	56,770
Wyoming.....	10	3,945	-	-	31	10,425
Colorado.....	35	23,060	5	65	94	49,905
New Mexico.....	1	260	1	400	25	7,835
Arizona.....	2	77,250	-	-	17	84,085
Utah.....	16	8,460	1	75	50	17,975
Nevada.....	-	-	-	-	3	675
Mountain.....	168	194,965	9	890	456	292,035
Washington.....	64	90,920	2	150	164	114,205
Oregon.....	31	52,015	2	85	78	66,620
California.....	38	21,275	9	420	321	86,970
Pacific.....	133	164,210	13	655	563	267,795
Subtotal.....	2,771	3,222,165	179	29,770	7,767	6,352,640
Alaska.....	-	-	-	-	2	420
Hawaii.....	4	270	2	30	21	1,750
Foreign.....	-	-	-	-	(7)	170
UNITED STATES.....	2,775	3,222,435	181	29,800	7,790	6,354,980

See next page for footnote references.

Footnotes to table 2.

¹ Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1969, to June 30 1970, with limited exceptions.

² Cooperatives performing specific services on a commodity are included. Incorporated local associations of a federation that performs the actual marketing or processing are counted.

³ Includes soybean marketing and processing.

⁴ Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (There is some duplication in these membership figures because many farmers belong to more than one cooperative.)

⁵ Includes independent local cooperatives, federations, and centralized cooperatives.

⁶ Includes cooperatives temporarily inactive because of crop failures or other reasons or cooperatives in which all memberships are allocated to other States.

⁷ The cooperative with which this membership is affiliated has been counted in the State in which the cooperative maintains its headquarters. (Foreign members of U.S.-headquartered livestock cooperative are located in Canada.)

⁸ Membership of nut cooperatives which market peanuts fluctuates from year to year and is affected by the extent to which producers participate in price stabilization programs.

⁹ Includes sugar, sugarcane, sugarbeets, honey, maple syrup, molasses, and sorghum.

¹⁰ Includes nonreporting locals affiliated with a large regional cooperative not previously reported.

¹¹ Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.

¹² Member-patrons. Number fluctuates considerably from year to year due to participation in price stabilization programs.

¹³ No individual memberships.

¹⁴ Includes a statewide federation of county wool pools. Payment is made by the federation to the pool manager who is responsible for payment to the individual wool growers.

¹⁵ Cooperatives providing services related to marketing or purchasing activities.

Table 3.—Number and percentage of memberships in marketing, farm supply, and related service cooperatives, 1950-51 to 1969-70

Period ¹	Marketing		Farm supply		Related service		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1950-51	4,117,950	58.1	2,878,890	40.6	94,280	1.3	7,091,120	100.0
1951-52	4,229,125	57.4	3,032,550	41.2	102,030	1.4	7,363,705	100.0
1952-53	4,247,035	56.8	3,138,820	42.0	89,230	1.2	7,475,085	100.0
1953-54	4,273,350	56.1	3,252,860	42.8	82,030	1.1	7,608,240	100.0
1954-55	4,213,485	55.4	3,322,490	43.7	67,880	0.9	7,603,855	100.0
1955-56	4,223,260	54.6	3,443,610	44.6	64,865	0.8	7,731,735	100.0
1956-57	4,121,700	53.7	3,489,425	45.5	61,920	0.8	7,673,045	100.0
1957-58	3,879,675	51.8	3,543,185	47.3	63,595	0.9	7,486,455	100.0
1958-59	3,860,950	51.1	3,643,525	48.2	54,075	0.7	7,558,550	100.0
1959-60	3,621,900	49.8	3,600,465	49.5	51,090	0.7	7,273,455	100.0
1960-61	3,473,425	48.2	3,679,675	51.1	49,795	0.7	7,202,895	100.0
1961-62	3,420,100	48.2	3,634,690	51.2	44,190	0.6	7,098,980	100.0
1962-63	3,582,110	49.6	3,595,890	49.8	40,750	0.6	7,218,750	100.0
1963-64	3,612,535	51.0	3,425,200	48.4	41,765	0.6	7,079,500	100.0
1964-65	3,790,915	53.5	3,250,840	45.9	40,255	0.6	7,082,010	100.0
1965-66	3,635,605	53.3	3,154,490	46.2	36,180	0.5	6,826,275	100.0
1966-67	3,298,435	50.7	3,168,985	48.8	34,280	0.5	6,501,700	100.0
1967-68	3,225,185	50.0	3,186,640	49.5	33,585	0.5	6,445,410	100.0
1968-69	3,141,245	49.4	3,189,460	50.1	32,850	0.5	6,363,555	100.0
1969-70 ²	3,102,745	48.8	3,222,435	50.7	29,800	0.5	6,354,980	100.0

¹ For years prior to 1950-51, see appendix table 6, FCS General Report 128.

² Preliminary.

Table 4.—Number and estimated memberships of local and regional marketing, farm supply, and related service cooperatives, by major business activity, and percentage of total in each activity group, 1969-70¹

Major business activity	Cooperatives				Memberships ²			
	Local		Regional		Local		Regional	
	Number	Per-cent-age of total in each activity group	Number	Per-cent-age of total in each activity group	Number	Per-cent-age of total in each activity group	Number	Per-cent-age of total in each activity group
Beans and peas (dry edible)	4	33.3	8	66.7	1,745	35.1	3,220	64.9
Cotton and products	497	94.8	27	5.2	95,465	36.0	169,680	64.0
Dairy products	734	76.8	³ 222	23.2	191,465	49.0	199,255	51.0
Fruits and vegetables	411	83.9	³ 79	16.1	44,870	48.4	47,765	51.6
Grain ⁴	1,873	98.9	21	1.1	1,093,795	97.7	26,310	2.3
Livestock and products	479	93.9	31	6.1	144,290	21.0	543,845	79.0
Nuts	8	57.1	6	42.9	260	0.4	62,905	99.6
Poultry and products	47	79.7	³ 12	20.3	21,325	71.6	8,445	28.4
Rice	49	89.1	6	10.9	18,675	64.9	10,120	35.1
Sugar products	--	--	³ 65	100.0	--	--	23,225	100.0
Tobacco	--	--	28	100.0	--	--	311,965	100.0
Wool and mohair	152	91.6	14	8.4	20,895	31.2	46,030	68.8
Miscellaneous	56	91.8	5	8.2	16,685	97.0	510	3.0
Total marketing	4,310	89.2	524	10.8	1,649,470	53.2	1,453,275	46.8
Farm supplies	2,667	96.1	108	3.9	2,464,125	76.5	758,310	23.5
Related services	152	84.0	29	16.0	27,610	92.7	2,190	7.3
Total all types	7,129	91.5	661	8.5	4,141,205	65.2	2,213,775	34.8

¹ Preliminary.

² Membership figures vary considerably from year to year due to cooperative participation in price stabilization programs, particularly in cotton, peanuts, and tobacco. They are also affected by the number of reported members who may not be active patrons in a specific year.

³ Includes bargaining cooperatives.

⁴ Includes soybean marketing and processing.

Business Volume

In 1969-70, the total gross business volume of 7,790 marketing, farm supply, and related service cooperatives amounted to \$24.8 billion (table 5). This was an increase of 8.5 percent from the \$22.8 billion gross reported in 1968-69.

The total net business volume of farmer cooperatives amounted to \$19.1 billion in 1969-70. Included in this amount were \$14.8 billion for farm products

marketed, \$3.9 billion for farm supplies purchased, and \$0.4 billion for services performed (fig. 2). The total net figure of \$19.1 billion, which excludes inter-cooperative business (the difference between gross and net business volumes), represented an increase of 9.7 percent from the \$17.4 billion net of the previous year. Intercooperative business amounted to \$5.7 billion in 1969-70.

Table 5.—Estimated gross and net volume of business of marketing, farm supply, and related service cooperatives, and percentage of total, 1950-51 to 1969-70

Period ¹	Gross volume (includes intercooperative business)				Net volume (excludes intercooperative business)			
	Farm products	Farm supplies	Related services ²	Total	Farm products	Farm supplies	Related services ²	Total
----- 1,000 dollars -----								
1950-51	7,984,777	2,437,521	99,958	10,522,256	6,361,766	1,685,413	99,958	8,147,137
1951-52	9,260,697	2,762,095	114,480	12,137,272	7,376,684	1,918,723	114,480	9,409,887
1952-53	9,294,945	2,866,908	141,750	12,303,603	7,365,795	2,013,768	141,750	9,521,313
1953-54	9,198,727	2,841,727	157,802	12,198,256	7,338,786	1,978,052	157,802	9,474,640
1954-55	9,347,913	2,921,859	195,522	12,465,294	7,424,743	2,021,617	195,522	9,641,882
1955-56	9,514,387	2,972,696	214,880	12,701,963	7,495,159	2,046,086	214,880	9,756,125
1956-57	10,110,115	3,152,985	234,629	13,497,729	7,998,887	2,145,939	234,629	10,379,455
1957-58	10,538,742	3,269,400	246,964	14,055,106	8,318,448	2,187,490	246,964	10,752,902
1958-59	11,412,483	3,549,922	272,866	15,235,271	9,103,089	2,371,061	272,866	11,747,016
1959-60	11,688,409	3,659,969	298,177	15,646,555	9,329,914	2,408,157	298,177	12,036,248
1960-61	12,143,722	3,744,711	305,600	16,194,033	9,631,247	2,472,286	305,600	12,409,133
1961-62	12,992,656	3,914,849	302,102	17,209,607	10,160,364	2,561,338	302,102	13,023,804
1962-63	13,893,463	4,145,263	303,281	18,342,007	10,834,165	2,704,400	303,281	13,841,846
1963-64	14,532,553	4,393,864	313,103	19,239,520	11,209,069	2,831,586	313,103	14,353,758
1964-65	14,816,217	4,495,217	315,527	19,626,961	11,516,217	2,910,188	315,527	14,741,932
1965-66	15,489,446	4,804,443	325,071	20,618,960	12,197,744	3,085,382	325,071	15,608,197
1966-67	16,265,376	5,314,427	317,570	21,897,373	12,899,762	3,339,207	317,570	16,556,539
1967-68 ³	16,556,620	5,565,045	316,014	22,437,679	13,189,137	3,544,854	316,014	17,050,005
1968-69 ³	16,841,051	5,643,341	350,761	22,835,153	13,420,765	3,615,271	350,761	17,386,797
1969-70 ⁴	18,388,420	5,986,359	391,176	24,765,955	14,816,000	3,873,211	391,176	19,080,387
----- Percent -----								
1950-51	75.9	23.2	0.9	100.0	78.1	20.7	1.2	100.0
1951-52	76.3	22.8	0.9	100.0	78.4	20.4	1.2	100.0
1952-53	75.5	23.3	1.2	100.0	77.4	21.1	1.5	100.0
1953-54	75.4	23.3	1.3	100.0	77.4	20.9	1.7	100.0
1954-55	75.0	23.4	1.6	100.0	77.0	21.0	2.0	100.0
1955-56	74.9	23.4	1.7	100.0	76.8	21.0	2.2	100.0
1956-57	74.9	23.4	1.7	100.0	77.0	20.7	2.3	100.0
1957-58	75.0	23.3	1.7	100.0	77.4	20.3	2.3	100.0
1958-59	74.9	23.3	1.8	100.0	77.5	20.2	2.3	100.0
1959-60	74.7	23.4	1.9	100.0	77.5	20.0	2.5	100.0
1960-61	75.0	23.1	1.9	100.0	77.6	19.9	2.5	100.0
1961-62	75.5	22.7	1.8	100.0	78.0	19.7	2.3	100.0
1962-63	75.7	22.6	1.7	100.0	78.3	19.5	2.2	100.0
1963-64	75.5	22.9	1.6	100.0	78.1	19.7	2.2	100.0
1964-65	75.5	22.9	1.6	100.0	78.1	19.8	2.1	100.0
1965-66	75.1	23.3	1.6	100.0	78.1	19.8	2.1	100.0
1966-67	74.3	24.3	1.4	100.0	77.9	20.2	1.9	100.0
1967-68 ³	73.8	24.8	1.4	100.0	77.4	20.8	1.8	100.0
1968-69 ³	73.8	24.7	1.5	100.0	77.2	20.8	2.0	100.0
1969-70 ⁴	74.2	24.2	1.6	100.0	77.7	20.3	2.0	100.0

¹ For years prior to 1950-51, see appendix table 7, FCS General Report 128. Data for prior years are not entirely comparable due to revisions in statistical procedures in 1950-51.

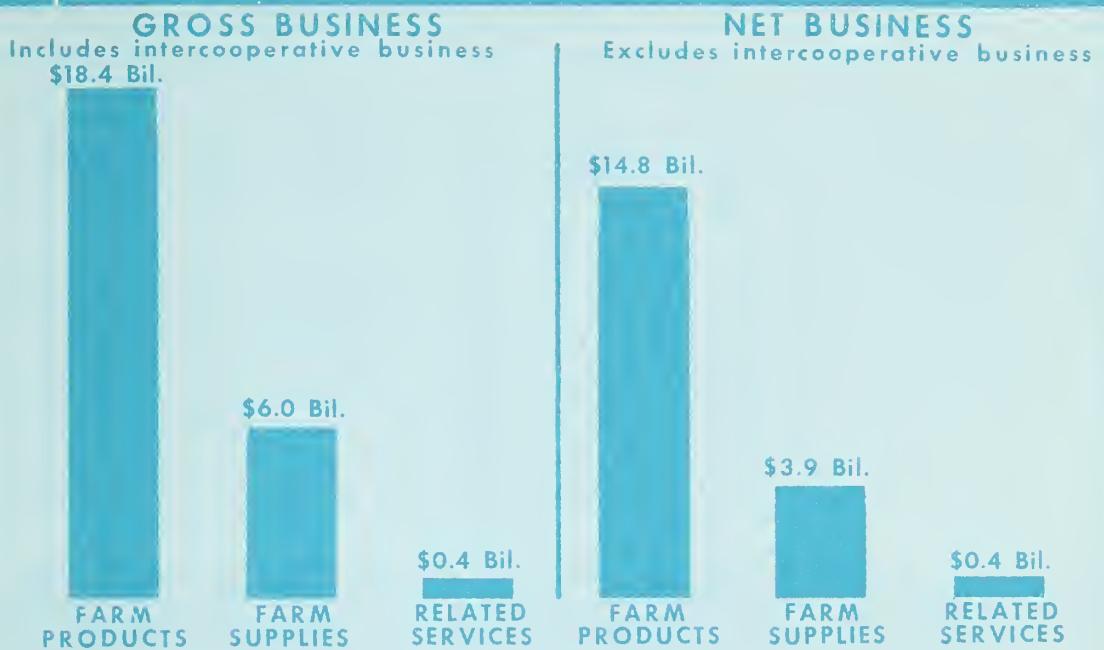
² Services related to marketing or supply purchasing but not included in the volumes reported for these activities.

³ Revised.

⁴ Preliminary.

Fig. 2

COOPERATIVE BUSINESS VOLUME, 1969-70



Gross and net volumes of business for marketing, purchasing, and related service activities are shown in table 5 for each survey year, beginning with 1950-51. The 1969-70 totals exceeded totals reported in any previous survey.

Gross volume of farm products marketed by cooperatives increased from \$16.8 billion in 1968-69 to \$18.4 billion in 1969-70, an increase of 9.2 percent. The net volume of farm products marketed amounted to \$14.8 billion in 1969-70 and accounted for 77.7 percent of the total net volume of cooperatives. The net marketing volume for 1969-70 represented an increase of 10.4 percent from the \$13.4 billion net for the previous year. This gain resulted primarily from increases in the dollar volumes reported for dairy products and for grain, soybeans, and soybean meal and oil.

Figure 3 illustrates the leading products marketed by cooperatives based on net marketing business

volume. Dairy products led with 34.6 percent of total net marketing volume, followed by grain and livestock.

In 1969-70, the gross volume of all farm supplies handled by cooperatives amounted to \$6.0 billion, a 6.1-percent increase from the \$5.6 billion gross in 1968-69. The net farm supply volume of \$3.9 billion accounted for 20.3 percent of the total net business volume in 1969-70—a 7.1-percent increase from the \$3.6 billion supply net in 1968-69. Increases in net volume of feed, petroleum products, and miscellaneous supplies handled largely accounted for this rise.

As shown in figure 4, leading farm supplies handled by cooperatives in terms of net business volume were feed, with 33.0 percent of the total, followed by petroleum and fertilizer.

Receipts for services performed by all types of cooperatives amounted to \$391 million in 1969-70, an 11.5-percent increase from the 1968-69 service receipts of \$351 million. Service receipts represented 2.0 percent of total net business volume in 1969-70.

Table 6.—Number of cooperatives handling specified items and estimated business volume, by products marketed, supplies purchased, and services provided, and percentage of total, 1969-70¹

Item	Cooperatives handling		Gross volume (includes intercooperative business)		Net volume (excludes intercooperative business)	
	Number	Percent ²	1,000 dol.	Percent	1,000 dol.	Percent
Products marketed:						
Beans and peas (dry edible)	59	0.8	61,727	0.2	37,459	0.2
Cotton and cotton products	554	7.1	501,891	2.0	434,069	2.3
Dairy products	971	12.5	6,062,368	24.5	5,126,314	26.9
Fruits and vegetables	499	6.4	2,212,737	8.9	1,778,026	9.3
Grain, soybeans, and soybean meal and oil	2,539	32.6	4,760,471	19.2	3,005,667	15.8
Livestock and livestock products	546	7.0	2,292,470	9.3	2,154,102	11.3
Nuts	69	0.9	266,532	1.1	254,250	1.3
Poultry products	295	3.8	707,514	2.9	587,679	3.1
Rice	55	0.7	421,569	1.7	346,472	1.8
Sugar products	66	0.8	635,046	2.5	634,285	3.3
Tobacco	28	0.4	376,705	1.5	376,705	2.0
Wool and mohair	189	2.4	19,327	0.1	19,327	0.1
Miscellaneous ³	132	1.7	70,063	0.3	61,645	0.3
Total farm products	4,5415	69.5	18,388,420	74.2	14,816,000	77.7
Supplies purchased:						
Building materials	2,268	29.1	213,784	0.9	156,687	0.8
Containers and packaging supplies	1,044	13.4	137,299	0.6	39,399	0.2
Farm machinery and equipment	1,574	20.2	183,865	0.7	116,065	0.6
Feed	4,214	54.1	1,750,229	7.1	1,278,688	6.7
Fertilizer	4,294	55.1	1,185,925	4.8	657,145	3.5
Meats and groceries	717	9.2	108,898	0.4	82,836	0.4
Petroleum products	2,774	35.6	1,338,399	5.4	864,199	4.5
Seed	4,007	51.4	200,148	0.8	142,365	0.8
Sprays and dusts (farm chemicals)	3,721	47.8	274,662	1.1	164,979	0.9
Miscellaneous supplies ⁵	4,856	62.3	593,150	2.4	370,848	1.9
Total farm supplies	4,6209	79.7	5,986,359	24.2	3,873,211	20.3
Services provided:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	⁴ 5,353	68.7	⁶ 391,176	1.6	⁶ 391,176	2.0
Total business	⁴7,790	100.0	24,765,955	100.0	19,080,387	100.0

¹ Preliminary.

² Number of cooperatives handling each commodity group is computed as a percentage of the total number of 7,790 cooperatives listed.

³ Includes coffee, forest products, fur pelts, hay, hops, seed marketed for growers, nursery stock, tung oil, and other farm products not separately classified.

⁴ Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives handling individual items or performing individual services.

⁵ Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

⁶ Charges for services related to marketing or purchasing but not included in the volume reported for these activities.

An estimated 69.5 percent of the 7,790 cooperatives in the survey, or 5,415 cooperatives, marketed farm products in 1969-70 (table 6). These included 4,754 cooperatives that primarily marketed farm products; 645 cooperatives that primarily handled farm supplies; and 16 related service cooperatives whose major services were trucking, storage, or other activities related to marketing farm products or purchasing farm supplies. Eighty marketing cooperatives that were either newly organized or temporarily inactive were not included.

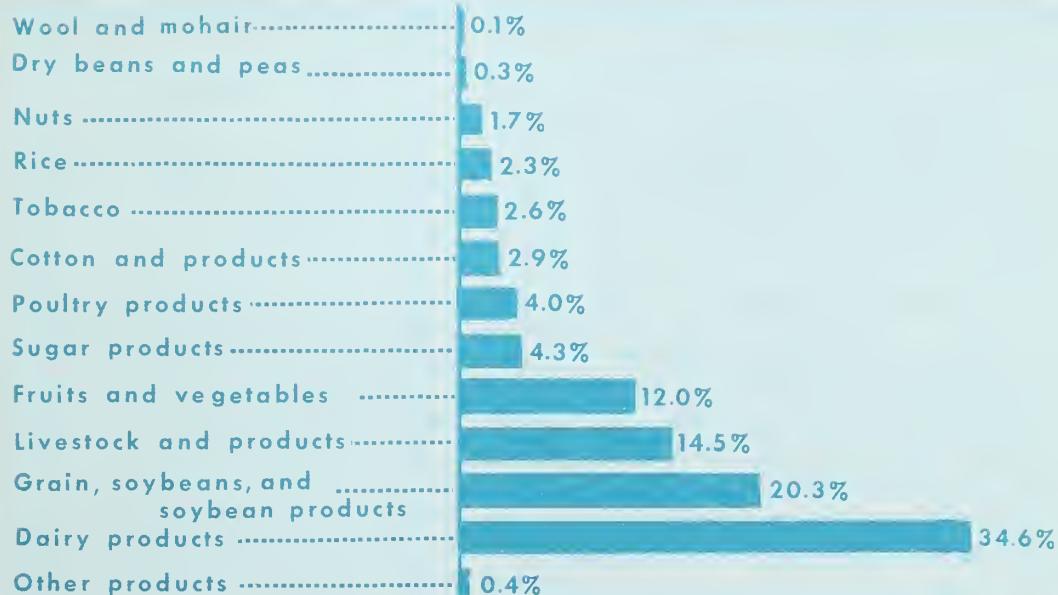
In 1969-70, farm supplies were handled by 6,209 cooperatives, 79.7 percent of the total number of cooperatives in the survey. Included were 2,771 cooperatives that primarily handled farm supplies and 3,367 marketing and 71 related service cooperatives that handled farm supplies as a sideline activity. Four farm supply cooperatives that were either newly organized or temporarily inactive were not included.

In 1969-70, 5,353 cooperatives of all types, or 68.7 percent of the total, performed one or more services related to farm product marketing or farm supply purchasing. These included 170 cooperatives primarily performing service activities such as trucking, storage, drying, and similar services; 1,677 farm supply cooperatives; and 3,506 marketing cooperatives (including cotton ginning, livestock trucking, and rice- and fruit-drying cooperatives). Eleven related service cooperatives that were either newly organized or temporarily inactive were not included.

The survey showed that 69.7 percent of all marketing cooperatives handled one or more types of farm supplies in 1969-70, and 72.5 percent provided specialized related services such as cotton ginning and livestock trucking, or general related services such as storage, grinding, and drying. Of the farm supply cooperatives, 23.2 percent marketed farm products, and 60.4 percent performed related services for their

Fig. 3

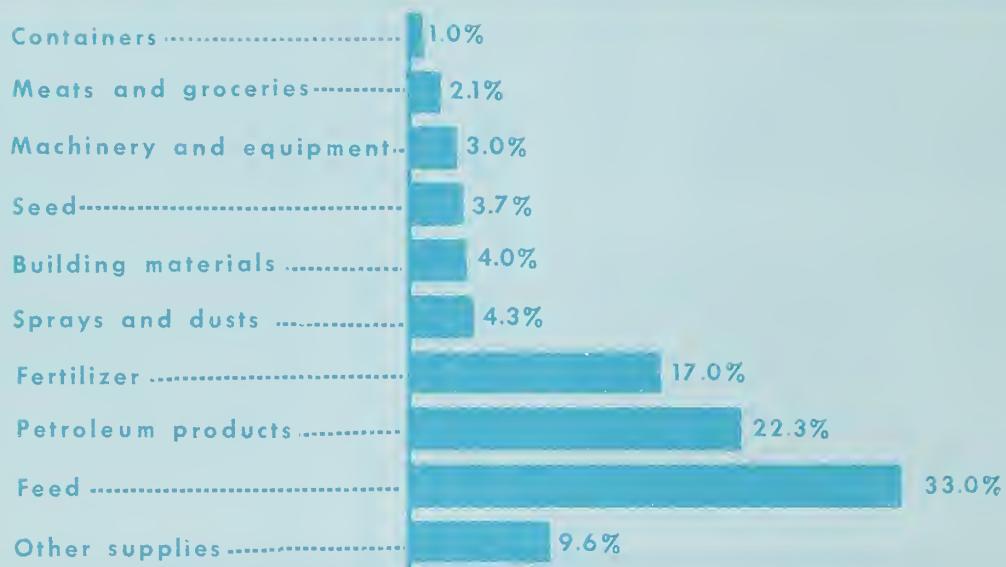
RELATIVE IMPORTANCE OF MAJOR FARM PRODUCTS MARKETED BY COOPERATIVES, 1969-70



BASED ON NET MARKETING BUSINESS OF \$14.8 BILLION.

Fig. 4

RELATIVE IMPORTANCE OF MAJOR FARM SUPPLIES HANDLED BY COOPERATIVES, 1969-70



BASED ON NET FARM SUPPLY BUSINESS OF \$3.9 BILLION.

patrons. An estimated 8.8 percent of the related service cooperatives marketed farm products, and 39.2 percent handled farm supplies in 1969-70.

Local and Regional Cooperatives

Table 7 shows the estimated volumes of specified commodities marketed by regional and local cooperatives. Local cooperatives accounted for \$5.6 billion of the net volume of farm products marketed in 1969-70, or 37.7 percent of the total. Regional cooperatives accounted for \$9.2 billion of the net marketing volume, or 62.3 percent of the total.

Local cooperatives accounted for a major portion of the total net marketing volume for the following commodities: Grain, soybeans, and soybean products, 87.0 percent; and miscellaneous farm products, 86.9 percent.

Of the total gross marketing volume, \$3.6 billion, or 19.4 percent, represents the volume of marketing business between cooperatives.

The estimated gross and net volumes of farm supplies handled by local and regional cooperatives are shown in table 8. Local cooperatives accounted for \$2.8 billion, or 72.4 percent, of the total net supply volume. Regional cooperatives accounted for \$1.1 billion, or 27.6 percent, of the total.

The difference between the total net and gross volumes indicates that intercooperative farm supply business amounted to \$2.1 billion, or 35.3 percent of total gross supply volume.

Local cooperatives accounted for 72.0 percent of total service receipts, or \$282 million, and regional cooperatives for 28.0 percent, or \$109 million.

Table 7.—Estimated marketing business of local and regional cooperatives, by specified commodities, 1969-70¹

Farm products marketed for patrons	Local	Regional		Total local and regional	
		Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)
— 1,000 dollars —					
Beans and peas (dry edible)	17,690	44,037	19,769	61,727	37,459
Cotton and cotton products	118,229	383,662	315,840	501,891	434,069
Dairy products	1,492,396	4,569,972	3,633,918	6,062,368	5,126,314
Fruits and vegetables	692,896	1,519,841	1,085,130	2,212,737	1,778,026
Grain, soybeans, and soybean meal and oil	2,615,285	2,145,186	390,382	4,760,471	3,005,667
Livestock and livestock products	277,963	2,014,507	1,876,139	2,292,470	2,154,102
Nuts	10,504	256,028	243,746	266,532	254,250
Poultry products	193,396	514,118	394,283	707,514	587,679
Rice	107,817	313,752	238,655	421,569	346,472
Sugar products	433	634,613	633,852	635,046	634,285
Tobacco	—	376,705	376,705	376,705	376,705
Wool and mohair	4,700	14,627	14,627	19,327	19,327
Miscellaneous	53,598	16,465	8,047	70,063	61,645
Total marketing	5,584,907	12,803,513	9,231,093	18,388,420	14,816,000

¹ Preliminary.Table 8.—Estimated supply business of local and regional cooperatives, by specified commodities, 1969-70¹

Farm supplies purchased for patrons	Local	Regional		Total local and regional	
		Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)
— 1,000 dollars —					
Building materials	110,066	103,718	46,621	213,784	156,687
Containers and packaging supplies	27,157	110,142	12,242	137,299	39,399
Farm machinery and equipment	81,525	102,340	34,540	183,865	116,065
Feed	898,513	851,716	380,175	1,750,229	1,278,688
Fertilizer	498,570	687,355	158,575	1,185,925	657,145
Meats and groceries	59,443	49,455	23,393	108,898	82,836
Petroleum products	619,092	719,307	245,107	1,338,399	864,199
Seed	109,719	90,429	32,646	200,148	142,365
Sprays and dusts (farm chemicals)	127,467	147,195	37,512	274,662	164,979
Miscellaneous supplies	271,154	321,996	99,694	593,150	370,848
Total supplies	2,802,706	3,183,653	1,070,505	5,986,359	3,873,211

¹ Preliminary.

Geographic Areas

The estimated volume of farm products marketed and farm supplies purchased by cooperatives in 1969-70 is shown by States and geographic regions in table 9. The East North Central and West North Central regions combined accounted for 46 percent of the total net volume of farm products marketed, and for 52 percent of supplies purchased.

The West North Central region, with related service receipts of \$113 million, ranked first among all regions.

This represented 29 percent of the total volume of service receipts reported by cooperatives.

In net value of combined marketing, farm supply, and related service volume, California continued in first place with \$2.1 billion, or 11.1 percent of the total; Minnesota remained in second place with almost \$1.3 billion, or 6.7 percent of the total; and Iowa ranked third with more than \$1.2 billion, or 6.6 percent of the total.

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾

Geographic regions and States	Beans and peas (dry edible)						Cotton and cotton products						Dairy products						
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales ⁽⁵⁾			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			
	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	
	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	
Maine.....	-	-	-	-	-	-	-	-	-	-	4	3	7	28,012	28,012				
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	3	5	8	21,587	21,587				
Vermont.....	-	-	-	-	-	-	-	-	-	-	11	5	16	108,975	108,975				
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	2	2	4	35,986	35,986				
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	2	2	2	5,884	5,884			
Connecticut.....	-	-	-	-	-	-	-	-	-	-	3	1	4	43,589	43,589				
New England:.....	-	-	-	-	-	-	-	-	-	-	23	-	-	244,033	244,033				
New York.....	1	-	1	3,110	3,110	-	-	-	-	-	94	6	100	625,428	546,865				
New Jersey.....	-	-	-	-	-	-	-	-	-	-	5	4	9	26,537	26,537				
Pennsylvania.....	-	-	-	-	-	-	-	-	-	-	38	10	48	319,883	308,469				
Middle Atlantic:.....	1	-	-	3,110	3,110	-	-	-	-	-	137	-	-	971,848	881,871				
Ohio.....	-	-	-	-	-	-	-	-	-	-	20	6	26	216,044	198,071				
Indiana.....	-	-	-	-	-	-	-	-	-	-	5	10	15	121,498	120,774				
Illinois.....	-	-	-	-	-	-	-	-	-	-	19	7	26	193,851	193,156				
Michigan.....	16	-	16	22,503	9,507	-	-	-	-	-	15	6	21	301,848	255,883				
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	187	11	198	896,882	800,795				
East North Central:.....	16	-	-	22,503	9,507	-	-	-	-	-	246	-	-	1,730,123	1,568,679				
Minnesota.....	-	-	-	-	-	-	-	-	-	-	288	8	296	825,642	465,324				
Iowa.....	-	-	-	-	-	-	-	-	-	-	68	10	78	298,380	238,513				
Missouri.....	-	-	-	-	-	2	3	5	1,958	1,708	15	2	17	112,812	112,812				
North Dakota.....	1	-	1	20	20	-	-	-	-	-	20	6	26	53,661	25,082				
South Dakota.....	-	-	-	-	-	-	-	-	-	-	27	6	33	76,037	63,358				
Nebraska.....	1	-	1	286	286	-	-	-	-	-	18	4	22	63,453	63,203				
Kansas.....	-	-	-	-	-	-	-	-	-	-	6	4	10	88,585	88,585				
West North Central:.....	2	-	-	306	306	2	-	-	1,958	1,708	442	-	-	1,518,570	1,056,877				
Delaware.....	-	-	-	-	-	-	-	-	-	-	3	5	5	4,394	4,394				
Maryland.....	-	-	-	-	-	-	-	-	-	-	5	5	10	68,707	68,707				
Virginia.....	-	-	-	-	-	-	-	-	-	-	6	4	10	98,200	98,200				
West Virginia.....	-	-	-	-	-	-	-	-	-	-	4	6	10	23,377	22,759				
North Carolina.....	-	-	-	-	-	1	-	1	2,868	2,868	6	1	7	61,107	61,107				
South Carolina.....	-	-	-	-	-	3	-	4	1,301	1,301	4	2	6	29,336	29,336				
Georgia.....	-	-	-	-	-	5	-	5	1,565	1,565	8	2	10	73,169	73,169				
Florida.....	-	-	-	-	-	-	-	-	-	-	8	-	8	77,750	77,750				
South Atlantic:.....	-	-	-	-	-	9	-	-	5,734	5,734	41	-	-	436,040	435,422				
Kentucky.....	-	-	-	-	-	-	-	-	-	-	3	5	8	69,765	69,507				
Tennessee.....	-	-	-	-	-	1	-	1	1,620	1,620	5	4	9	75,334	71,160				
Alabama.....	-	-	-	-	-	11	1	12	4,881	4,881	1	-	1	10,331	10,331				
Mississippi.....	-	-	-	-	-	49	2	51	75,904	72,979	-	2	2	41,374	41,374				
East South Central:.....	-	-	-	-	-	61	-	-	82,405	79,480	9	-	-	196,804	192,372				
Arkansas.....	-	-	-	-	-	29	2	31	23,018	17,746	-	1	1	19,890	19,890				
Louisiana.....	-	-	-	-	-	11	2	13	5,263	5,263	2	2	4	42,162	42,162				
Oklahoma.....	-	-	-	-	-	55	3	58	19,685	13,617	1	1	2	43,843	43,843				
Texas.....	-	-	-	-	-	323	2	325	178,664	148,935	4	1	5	124,480	124,480				
West South Central:.....	-	-	-	-	-	418	-	-	226,630	185,561	7	-	-	230,375	230,375				
Montana.....	1	1	2	987	153	-	-	-	-	-	5	1	6	7,604	6,549				
Idaho.....	5	4	9	6,047	4,438	-	-	-	-	-	4	5	9	56,040	38,850				
Wyoming.....	12	1	13	1,490	477	-	-	-	-	-	2	4	6	6,757	6,405				
Colorado.....	10	-	10	7,782	3,055	-	-	-	-	-	5	1	6	42,891	42,891				
New Mexico.....	-	-	-	-	-	18	3	21	21,999	20,173	-	1	1	7,788	7,788				
Arizona.....	-	-	-	-	-	5	3	8	36,702	36,702	1	-	1	27,180	27,180				
Utah.....	-	-	-	-	-	-	-	-	-	-	6	-	6	47,501	47,501				
Nevada.....	-	-	-	-	-	1	1	1	1,142	1,142	1	2	3	2,196	1,640				
Mountain:.....	28	-	-	16,306	8,123	23	-	-	59,843	58,017	24	-	-	197,957	178,804				
Washington.....	6	1	7	5,890	4,626	-	-	-	-	-	6	2	8	136,950	68,500				
Oregon.....	2	1	3	2,384	559	-	-	-	-	-	7	3	10	65,134	46,517				
California.....	4	-	4	11,228	41	-	41	125,321	103,569	27	2	29	327,775	216,661					
Pacific:.....	12	-	-	19,502	16,413	41	-	-	125,321	103,569	40	-	-	529,859	331,678				
Subtotal:.....	59	-	-	61,727	37,459	554	-	-	501,891	434,069	969	-	-	6,055,609	5,120,111				
Alaska.....	-	-	-	-	-	-	-	-	-	-	1	-	1	(6)	(6)				
Hawaii.....	-	-	-	-	-	-	-	-	-	-	2	-	2	(6)	(6)				
Foreign.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UNITED STATES....	59	-	-	61,727	37,459	554	-	-	501,891	434,069	971	-	-	6,055,609	5,120,111				

Continued--

See end of table for footnote references.

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾--Continued

Geographic regions and States	Fruits and vegetables						Grain, soybeans, soybean meal and oil						Livestock and livestock products					
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales ⁽⁵⁾			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		
	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State
	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	Head-quarters in State	Head-quarters out of State	Total in State
Maine.....	7	1	8	15,147	15,147	1	-	1	208	208	-	-	-	-	-	-	-	-
New Hampshire.....	1	-	1	879	879	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	2	-	2	204	204	-	-	-	-	-	1	-	1	54	54	-	-	-
Massachusetts.....	2	1	3	29,524	29,524	-	-	-	-	-	1	-	1	1,178	1,178	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	2	-	2	1,050	1,050	-	-	-	-	-	-	-	-	-	-	-	-	-
New England.....	14	-	-	46,804	46,804	1	-	-	208	208	2	-	-	-	-	1,232	1,232	-
New York.....	15	-	15	86,577	86,577	25	-	25	6,046	5,198	6	-	6	30,711	30,711	-	-	-
New Jersey.....	14	2	16	37,387	37,387	8	1	9	2,525	2,234	3	-	3	4,915	4,915	-	-	-
Pennsylvania.....	12	4	16	55,265	55,265	4	2	6	2,706	1,803	15	1	16	3,500	3,500	-	-	-
Middle Atlantic.....	41	-	-	179,229	179,229	37	-	-	11,277	9,235	24	-	-	39,126	39,126	-	-	-
Ohio.....	12	1	13	19,800	19,800	158	-	158	268,975	151,598	3	2	5	179,154	179,154	-	-	-
Indiana.....	2	4	6	3,798	3,798	97	4	101	304,158	170,165	3	4	7	168,539	168,448	-	-	-
Illinois.....	6	-	6	5,315	5,315	5	199	194	607,732	405,161	6	4	10	231,892	229,077	-	-	-
Michigan.....	17	3	20	50,845	50,835	61	1	62	55,325	23,938	6	2	8	72,442	70,172	-	-	-
Wisconsin.....	5	1	6	31,104	30,707	41	-	41	6,969	105	4	109	109	143,988	98,358	-	-	-
East North Central.....	42	-	-	110,862	110,455	551	-	-	1,243,159	757,831	123	-	-	796,015	745,209	-	-	-
Minnesota.....	3	1	4	4,080	3,995	229	6	235	393,413	249,574	.199	5	204	282,789	228,088	-	-	-
Iowa.....	2	1	3	768	768	306	6	312	703,227	427,472	26	8	34	232,958	230,241	-	-	-
Missouri.....	1	1	2	1,709	1,709	77	5	82	206,890	88,427	19	2	21	176,431	175,161	-	-	-
North Dakota.....	1	-	1	3,500	3,500	272	2	274	373,534	235,780	44	6	50	47,422	44,011	-	-	-
South Dakota.....	-	-	-	-	-	139	3	142	119,175	85,041	5	5	10	14,723	13,793	-	-	-
Nebraska.....	1	-	1	760	760	196	3	199	286,281	185,456	3	5	8	121,546	121,340	-	-	-
Kansas.....	1	-	1	189	189	234	4	238	377,795	240,171	3	3	6	20,308	19,293	-	-	-
West North Central.....	9	-	-	11,006	10,921	1,453	-	-	2,460,315	1,511,921	299	-	-	896,177	831,927	-	-	-
Delaware.....	1	1	2	1,648	1,648	4	2	6	3,177	2,869	-	-	-	-	-	-	-	-
Maryland.....	3	-	3	624	624	5	2	7	10,151	8,864	1	-	1	47	47	-	-	-
Virginia.....	7	-	7	1,998	1,998	9	-	9	9,381	8,440	15	-	15	14,616	9,796	-	-	-
West Virginia.....	1	-	1	642	642	1	-	1	17	17	8	2	10	3,727	3,191	-	-	-
North Carolina.....	10	-	10	3,247	3,247	1	-	1	9,020	9,020	3	-	3	5,500	5,500	-	-	-
South Carolina.....	6	1	7	3,774	3,774	1	1	2	2,075	2,075	2	1	3	1,202	1,202	-	-	-
Georgia.....	3	1	4	446	446	7	2	9	38,995	35,690	3	-	3	3,939	3,939	-	-	-
Florida.....	57	3	60	439,168	234,924	-	2	2	5,309	4,770	2	1	3	6,322	6,322	-	-	-
South Atlantic.....	88	-	-	451,547	247,303	28	-	-	78,125	71,745	34	-	-	35,353	29,997	-	-	-
Kentucky.....	1	-	1	(7)	(7)	3	1	4	194	171	18	2	20	37,120	32,012	-	-	-
Tennessee.....	3	-	3	533	533	4	1	5	12,485	12,485	1	-	1	15,962	12,290	-	-	-
Alabama.....	-	-	-	-	-	12	2	14	27,935	21,962	8	2	10	13,833	13,833	-	-	-
Mississippi.....	3	-	3	640	640	17	2	19	28,901	24,366	3	2	5	30,223	30,223	-	-	-
East South Central.....	7	-	-	1,173	1,173	36	-	-	69,515	58,984	30	-	-	97,138	88,358	-	-	-
Arkansas.....	4	1	5	7,161	7,161	11	2	13	108,882	104,786	3	2	5	1,965	1,965	-	-	-
Louisiana.....	9	-	9	1,325	1,325	8	1	9	7,873	-	1	1	1	173	173	-	-	-
Oklahoma.....	2	-	2	152	152	93	1	94	131,821	88,234	2	3	5	37,085	36,926	-	-	-
Texas.....	9	1	10	19,336	10,790	151	4	155	240,715	129,661	3	3	6	46,565	40,492	-	-	-
West South Central.....	24	-	-	27,974	19,428	263	-	-	489,291	330,554	8	-	-	85,788	79,556	-	-	-
Montana.....	2	-	2	206	206	47	3	50	114,678	43,961	3	4	7	12,730	12,544	-	-	-
Idaho.....	4	4	8	17,505	14,754	11	5	16	36,569	27,043	7	1	8	8,934	8,934	-	-	-
Wyoming.....	-	-	-	-	-	5	-	5	1,722	1,722	3	2	5	2,758	2,758	-	-	-
Colorado.....	18	-	18	14,016	8,539	27	2	29	33,730	21,672	2	1	3	119,321	119,321	-	-	-
New Mexico.....	3	-	3	1,179	1,179	4	1	5	11,777	2,575	-	2	2	3,575	3,416	-	-	-
Arizona.....	8	3	11	59,142	39,965	1	1	2	5,694	5,694	-	1	1	34,686	34,686	-	-	-
Utah.....	7	-	7	2,093	2,093	6	-	6	4,299	2,229	1	-	1	37,164	37,164	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	2	2	3,127	3,101	-	-	-
Mountain.....	42	-	-	94,141	66,736	101	-	-	208,469	104,896	16	-	-	222,295	221,924	-	-	-
Washington.....	47	5	52	141,579	122,451	40	3	43	141,126	112,880	3	-	3	606	606	-	-	-
Oregon.....	20	5	25	148,893	134,310	20	1	21	51,337	39,764	1	-	1	138	138	-	-	-
California.....	156	3	159	993,858	833,811	8	-	8	7,638	7,638	5	1	6	117,277	114,704	-	-	-
Pacific.....	223	-	-	1,284,330	1,090,572	68	-	-	200,101	160,282	9	-	-	118,021	115,448	-	-	-
Subtotal.....	490	-	-	2,207,066	1,772,621	2,538	-	-	4,760,460	3,005,656	545	-	-	2,291,145	2,152,777	-	-	-
Alaska.....	1	-	1	(6)	(6)	1	-	1	(6)	(6)	-	-	-	-	-	-	-	-
Hawaii.....	8	1	9	4,030	3,764	-	-	-	-	-	1	-	1	(6)	(6)	-	-	-
Foreign.....	-	1	1	1,422	1,422	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITED STATES....	499	-	-	2,212,518	1,777,807	2,539	-	-	4,760,460	3,005,656	546	-	-	2,291,145	2,152,777	-	-	-

See end of table for footnote references.

Continued--

Table 9.—Estimated gross and net sales¹ of marketing, farm supply, and related service cooperatives,² by commodities, geographic regions, and States, 1969-70⁽³⁾—Continued

Geographic regions and States	Nuts						Poultry and poultry products						Rice					
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales ⁵			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		
	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	No.	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	No.	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	
	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	No.	\$1,000	\$1,000	
Maine.....	-	-	-	-	-	3	-	3	-	480	480	-	-	-	-	-	-	
New Hampshire.....	-	-	-	-	-	2	2	4	2,378	2,378	-	-	-	-	-	-	-	
Vermont.....	-	-	-	-	-	1	-	1	5	5	-	-	-	-	-	-	-	
Massachusetts.....	-	-	-	-	-	2	2	4	4,842	4,742	-	-	-	-	-	-	-	
Rhode Island.....	-	-	-	-	-	1	1	1	3,640	3,640	-	-	-	-	-	-	-	
Connecticut.....	-	-	-	-	-	5	2	7	5,391	5,139	-	-	-	-	-	-	-	
New England.....	-	-	-	-	-	13	-	-	16,736	16,384	-	-	-	-	-	-	-	
New York.....	-	-	-	-	-	6	-	6	21,623	21,523	-	-	-	-	-	-	-	
New Jersey.....	-	-	-	-	-	9	2	11	14,506	13,271	-	-	-	-	-	-	-	
Pennsylvania.....	-	-	-	-	-	4	3	7	16,718	16,496	-	-	-	-	-	-	-	
Middle Atlantic.....	-	-	-	-	-	19	-	-	52,847	51,290	-	-	-	-	-	-	-	
Ohio.....	-	-	-	-	-	6	1	7	38,761	23,259	-	-	-	-	-	-	-	
Indiana.....	-	-	-	-	-	1	1	2	3,009	2,786	-	-	-	-	-	-	-	
Illinois.....	-	-	-	-	-	2	-	2	72	72	-	-	-	-	-	-	-	
Michigan.....	-	-	-	-	-	9	-	9	9,992	9,992	-	-	-	-	-	-	-	
Wisconsin.....	-	-	-	-	-	9	1	10	18,679	14,215	-	-	-	-	-	-	-	
East North Central.....	-	-	-	-	-	27	-	-	70,513	50,324	-	-	-	-	-	-	-	
Minnesota.....	-	-	-	-	-	46	3	49	53,713	30,598	-	-	-	-	-	-	-	
Iowa.....	-	-	-	-	-	7	3	10	4,559	4,078	-	-	-	-	-	-	-	
Missouri.....	21	-	21	260	260	76	1	77	9,220	577	-	-	-	-	-	-	-	
North Dakota.....	-	-	-	-	-	5	1	6	1,319	823	-	-	-	-	-	-	-	
South Dakota.....	-	-	-	-	-	15	1	16	2,204	2,038	-	-	-	-	-	-	-	
Nebraska.....	-	-	-	-	-	16	1	17	5,798	3,038	-	-	-	-	-	-	-	
Kansas.....	-	-	-	-	-	6	1	7	4,468	4,468	-	-	-	-	-	-	-	
West North Central.....	21	-	-	260	260	171	-	-	81,281	45,620	-	-	-	-	-	-	-	
Delaware.....	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
Maryland.....	-	-	-	-	-	1	1	2	2,039	2,039	-	-	-	-	-	-	-	
Virginia.....	1	-	1	304	304	2	-	2	22,543	22,543	-	-	-	-	-	-	-	
West Virginia.....	-	-	-	-	-	1	-	3	8,886	8,886	-	-	-	-	-	-	-	
North Carolina.....	1	2	3	3,805	3,805	4	1	6	11,947	11,545	-	-	-	-	-	-	-	
South Carolina.....	1	1	2	28	28	2	1	3	9,603	9,603	-	-	-	-	-	-	-	
Georgia.....	6	-	6	81,064	81,064	7	1	8	95,671	95,619	-	-	-	-	-	-	-	
Florida.....	1	2	3	12,607	10,807	2	1	3	6,476	5,218	-	-	-	-	-	-	-	
South Atlantic.....	10	-	-	97,808	96,008	19	-	-	157,165	155,453	-	-	-	-	-	-	-	
Kentucky.....	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Tennessee.....	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	
Alabama.....	2	1	3	19,413	19,407	2	2	4	35,873	35,666	-	-	-	-	3	18,511	18,211	
Mississippi.....	5	1	6	1,411	1,411	11	2	13	38,472	36,607	3	-	-	-	-	-	-	
East South Central.....	7	-	-	20,824	12,18	13	-	-	74,345	72,273	3	-	-	-	18,521	18,511	-	
Arkansas.....	-	-	-	-	-	1	2	3	11,236	10,364	15	-	15	-	96,468	96,468	96,468	
Louisiana.....	1	-	1	858	858	1	1	1	52	-	15	-	15	-	33,167	33,167	33,167	
Oklahoma.....	5	2	7	19,233	19,233	3	2	5	7,086	3,637	-	-	-	-	-	-	-	
Texas.....	7	1	8	15,400	15,400	5	1	6	14,014	6,426	17	1	17	174,774	114,696	114,696		
West South Central.....	13	-	-	35,491	35,491	9	-	-	32,388	20,427	47	-	-	-	304,409	229,312	-	
Montana.....	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	
Idaho.....	-	-	-	-	-	1	1	2	9,989	9,590	-	-	-	-	-	-	-	
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colorado.....	-	-	-	-	-	3	1	4	4,215	4,215	-	-	-	-	-	-	-	
New Mexico.....	-	1	1	138	138	1	-	-	-	-	-	-	-	-	-	-	-	
Arizona.....	-	1	1	138	138	1	-	1	1	1,542	-	-	-	-	-	-	-	
Utah.....	-	-	-	-	-	5	-	5	31,211	16,035	-	-	-	-	-	-	-	
Nevada.....	-	-	-	-	-	1	-	1	517	517	-	-	-	-	-	-	-	
Mountain.....	-	-	-	276	276	10	-	-	47,595	31,939	-	-	-	-	-	-	-	
Washington.....	-	-	-	-	-	2	1	3	17,366	16,676	-	-	-	-	-	-	-	
Oregon.....	2	-	1	1,756	1,756	2	2	4	27,264	18,542	-	-	-	-	5	98,639	98,639	
California.....	14	-	14	109,470	107,594	9	1	10	129,165	107,902	5	-	5	-	98,639	98,639	98,639	
Pacific.....	16	-	-	111,226	109,350	13	-	-	173,795	143,120	5	-	-	-	421,569	346,47-	-	
Subtotal.....	67	-	-	265,885	253,603	294	-	-	706,665	586,830	55	-	-	-	-	-	-	
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hawaii.....	2	-	2	16	16	1	-	1	6	6	-	-	-	-	-	-	-	
Foreign.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNITED STATES....	69	-	-	265,885	253,603	295	-	-	706,665	586,830	55	-	-	-	421,369	346,47-	-	

See end of table for footnote references.

Continued--

Table 9.—Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾.—Continued

Geographic regions and States	Sugar products						Tobacco						Wool and mohair					
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		
	Headquarters in State	Headquarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State	Total in State
Maine.....	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	15	15	15
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	-	1	4	4	1	-	1	169	169	1	-	1	(7)	(7)	(9)	(9)	-
Rhode Island.....	-	-	-	-	-	-	-	1	191	191	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New England.....	1	-	-	4	4	1	-	-	360	360	2	-	-	-	-	15	15	15
New York.....	1	-	1	113	113	-	-	-	-	-	4	-	4	141	141	-	-	-
New Jersey.....	-	-	-	-	-	-	-	-	-	-	1	1	2	30	30	-	-	-
Pennsylvania.....	-	1	1	14	14	-	-	1	879	879	29	-	29	383	383	-	-	-
Middle Atlantic.....	1	-	-	127	127	-	-	-	879	879	34	-	-	554	554	-	-	-
Ohio.....	2	-	2	1,239	1,239	1	1	2	10,618	10,618	1	-	1	891	891	-	-	-
Indiana.....	-	-	-	-	-	-	-	2	11,758	11,758	1	-	1	491	491	-	-	-
Illinois.....	-	-	-	-	-	-	-	-	-	-	1	1	2	36	36	-	-	-
Michigan.....	7	1	8	17,514	17,514	-	-	-	-	-	2	2	2	240	240	-	-	-
Wisconsin.....	-	1	1	426	426	2	-	2	1,626	1,626	2	-	2	284	284	-	-	-
East North Central.....	9	-	-	19,179	19,179	3	-	-	24,002	24,002	5	-	-	1,942	1,942	-	-	-
Minnesota.....	1	1	2	10,966	10,966	-	-	1	16	16	3	1	4	1,617	1,617	-	-	-
Iowa.....	1	-	1	554	554	-	-	-	-	-	1	1	1	901	901	-	-	-
Missouri.....	-	1	1	14	14	-	-	1	4,813	4,813	14	-	14	119	119	-	-	-
North Dakota.....	-	1	1	753	753	-	-	-	-	-	3	-	3	91	91	-	-	-
South Dakota.....	-	1	1	1,790	1,790	-	-	-	-	-	1	1	1	3,833	3,833	-	-	-
Nebraska.....	3	1	4	16,470	16,470	-	-	-	-	-	2	2	2	1,668	1,668	-	-	-
Kansas.....	1	1	2	1,867	1,867	-	-	-	-	-	2	2	2	542	542	-	-	-
West North Central.....	6	-	-	32,414	32,414	-	-	-	4,829	4,829	20	-	-	8,771	8,771	-	-	-
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	1	-	1	2,780	2,780	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	-	-	4	1	5	29,921	29,921	19	-	19	630	630	-	-	-
West Virginia.....	-	-	-	-	-	-	-	1	6,738	6,738	35	-	35	228	228	-	-	-
North Carolina.....	-	-	-	-	-	3	3	6	121,218	121,218	-	-	-	-	-	-	-	-
South Carolina.....	-	-	-	-	-	-	-	1	29,326	29,326	-	-	-	-	-	-	-	-
Georgia.....	-	1	1	341	341	-	-	2	22,151	22,151	-	-	-	-	-	-	-	-
Florida.....	3	1	4	21,912	21,151	1	1	2	4,686	4,686	-	-	-	-	-	-	-	-
South Atlantic.....	3	-	-	22,253	21,492	9	-	-	216,820	216,820	54	-	-	858	858	-	-	-
Kentucky.....	1	-	1	27	27	8	1	9	103,538	103,538	1	-	1	1	1	1	1	1
Tennessee.....	-	-	-	-	-	7	3	10	25,896	25,896	8	-	8	77	77	-	-	-
Alabama.....	-	1	1	28	28	-	1	1	381	381	-	-	-	-	-	-	-	-
Mississippi.....	-	1	1	43	43	-	-	-	-	-	3	1	4	124	124	-	-	-
East South Central.....	1	-	-	98	98	15	-	-	129,815	129,815	12	-	-	202	202	-	-	-
Arkansas.....	-	-	-	-	-	-	-	-	-	-	2	2	2	95	95	-	-	-
Louisiana.....	11	1	12	28,413	28,413	-	-	-	-	-	1	-	1	17	17	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	1	1	2	115	115	-	-	-
Texas.....	1	1	2	617	617	-	-	-	-	-	2	2	4	1,183	1,183	-	-	-
West South Central.....	12	-	-	29,030	29,030	-	-	-	-	-	4	-	-	1,410	1,410	-	-	-
Montana.....	4	3	7	31,747	31,747	-	-	-	-	-	19	-	19	891	891	-	-	-
Idaho.....	9	3	12	50,155	50,155	-	-	-	-	-	20	1	21	558	558	-	-	-
Wyoming.....	3	1	4	8,585	8,585	-	-	-	-	-	8	2	10	1,418	1,418	-	-	-
Colorado.....	2	1	3	54,809	54,809	-	-	-	-	-	2	3	5	347	347	-	-	-
New Mexico.....	-	1	1	28	28	-	-	-	-	-	1	1	1	28	28	-	-	-
Arizona.....	-	1	1	597	597	-	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	9	1	10	8,201	8,201	-	-	-	-	-	4	-	4	1,350	1,350	-	-	-
Nevada.....	-	1	1	28	28	-	-	-	-	-	1	1	2	9	9	-	-	-
Mountain.....	27	-	-	154,150	154,150	-	-	-	-	-	54	-	-	4,601	4,601	-	-	-
Washington.....	1	1	2	29,121	29,121	-	-	-	-	-	3	-	3	65	65	-	-	-
Oregon.....	1	1	2	7,948	7,948	-	-	-	-	-	-	-	-	-	-	-	-	-
California.....	4	1	5	(11) 340,651	(11) 340,651	-	-	-	-	-	1	-	1	909	909	-	-	-
Pacific.....	6	-	-	377,720	377,720	-	-	-	-	-	4	-	-	974	974	-	-	-
Subtotal.....	66	-	-	634,975	634,214	28	-	-	376,705	376,705	189	-	-	19,327	19,327	-	-	-
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	1	1	(11) 71	(11) 71	-	-	-	-	-	-	-	-	-	-	-	-	-
Foreign.....	-	1	1	(8) 71	(8) 71	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITED STATES....	66	-	-	635,046	634,285	28	-	-	376,705	376,705	189	-	-	19,327	19,327	-	-	-

See end of table for footnote references.

Continued--

Table 9.—Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾-Continued

Geographic regions and States	Miscellaneous marketing ⁽¹²⁾						Total farm products marketed ⁽⁵⁾						Building materials						
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			
				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Total in State		
	Head-quarters in State	Head-quarters out of State	Total in State				Head-quarters in State	Head-quarters out of State	Total in State				Head-quarters in State	Head-quarters out of State	Total in State				
Maine.....	No.	No.	No.	\$1,000	\$1,000	-	No.	10	No.	\$1,000	\$1,000	-	No.	4	No.	\$1,000	\$1,000		
New Hampshire.....	-	-	-	-	-	-	-	5	7	12	24,844	24,844	-	2	2	2	291	289	
Vermont.....	-	-	-	-	-	-	-	12	6	18	109,238	109,238	2	2	2	4	1,147	1,147	
Massachusetts.....	-	-	-	-	-	-	-	10	5	15	71,703	71,603	4	2	6	1	1,502	1,382	
Rhode Island.....	-	-	-	-	-	-	-	3	3	9,524	9,524	-	1	1	1	142	142		
Connecticut.....	1	-	1	8	8	9	4	13	50,229	49,977	5	2	7	1	1,150	1,150			
New England.....	1	-	-	8	8	46	-	-	309,400	309,048	15	-	-	-	5,483	5,304			
New York.....	7	-	7	1,276	1,225	149	6	155	775,025	695,463	159	2	161	2	22,051	16,807			
New Jersey.....	1	-	1	221	221	37	8	45	86,121	84,595	11	2	13	2	2,143	2,045			
Pennsylvania.....	-	1	1	71	71	88	18	106	399,348	386,809	30	4	34	3	8,179	7,168			
Middle Atlantic.....	8	-	-	1,497	1,446	276	-	-	1,260,494	1,166,867	200	-	-	-	32,373	26,020			
Ohio.....	5	-	5	119	119	199	11	210	735,601	584,749	128	1	129	1	8,757	5,334			
Indiana.....	17	1	18	46	46	107	24	131	613,297	478,266	90	1	91	1	17,066	12,323			
Illinois.....	3	-	3	907	907	226	17	243	1,039,805	833,724	152	3	155	1	9,985	7,919			
Michigan.....	10	-	10	1,555	1,555	115	14	129	532,264	439,636	68	2	70	2	7,849	5,960			
Wisconsin.....	2	-	2	1,531	1,531	344	17	361	1,101,489	954,911	155	3	158	1	5,392	3,963			
East North Central.....	37	-	-	4,158	4,158	991	-	-	4,022,456	3,291,286	593	-	-	-	49,049	35,499			
Minnesota.....	6	-	6	434	434	722	25	747	1,572,670	990,612	138	3	141	1	9,801	7,671			
Iowa.....	3	-	3	128	128	390	27	417	1,241,475	902,655	232	5	237	1	28,564	23,840			
Missouri.....	11	-	11	99	99	144	16	160	514,325	385,699	100	1	101	1	9,170	3,227			
North Dakota.....	-	1	1	213	60	338	16	354	480,513	310,120	99	1	100	1	9,084	9,084			
South Dakota.....	1	1	2	997	920	171	17	188	218,759	170,773	96	2	98	2	6,305	5,580			
Nebraska.....	3	1	4	2,757	2,629	224	17	241	499,019	394,920	128	4	132	1	8,208	5,238			
Kansas.....	2	1	3	625	625	245	15	260	494,379	355,740	139	1	140	1	8,622	5,259			
West North Central.....	26	-	-	5,253	4,965	2,234	-	-	5,021,140	3,510,519	932	-	-	-	79,754	59,899			
Delaware.....	-	-	-	-	-	5	6	11	9,219	8,911	-	2	2	1	197	197			
Maryland.....	2	-	2	97	97	14	7	21	84,445	83,158	6	1	7	1	466	432			
Virginia.....	-	-	-	-	-	59	5	64	177,593	171,832	15	3	18	4	4,172	1,989			
West Virginia.....	1	-	1	700	700	44	11	55	44,315	43,161	2	-	2	1	30	30			
North Carolina.....	1	-	1	46	46	28	8	36	218,758	218,356	3	2	5	1	4,440	1,997			
South Carolina.....	-	-	-	-	-	17	8	25	76,645	76,645	-	1	1	1	531	363			
Georgia.....	3	-	3	9,992	9,992	33	8	41	327,333	323,976	24	1	25	1	2,095	1,290			
Florida.....	4	-	4	1,707	1,707	77	9	86	575,937	367,325	4	-	4	1	705	705			
South Atlantic.....	11	-	-	12,542	12,542	277	-	-	1,514,245	1,293,374	54	-	-	-	12,636	7,003			
Kentucky.....	-	-	-	-	-	34	9	43	210,645	205,256	6	-	6	1	313	313			
Tennessee.....	2	-	2	89	89	32	8	40	131,996	124,150	68	1	69	1	6,433	5,282			
Alabama.....	1	-	1	148	148	29	6	35	112,823	98,037	19	1	20	1	547	480			
Mississippi.....	3	-	3	4,803	4,803	79	11	90	240,416	231,091	30	1	31	1	1,044	558			
East South Central.....	6	-	-	5,040	5,040	174	-	-	695,880	658,534	123	-	-	-	8,337	6,633			
Arkansas.....	1	-	1	21	21	58	11	69	268,736	258,496	32	1	34	1	3,810	1,887			
Louisiana.....	1	-	1	509	509	54	8	62	119,812	104,741	10	1	11	1	437	182			
Oklahoma.....	6	-	6	512	512	138	12	150	259,532	206,269	59	2	61	1	3,512	2,251			
Texas.....	5	-	5	3,149	1,121	430	15	445	818,897	593,801	38	2	40	1	1,536	749			
West South Central.....	13	-	-	4,191	2,163	680	-	-	1,466,977	1,163,307	139	-	-	-	9,295	5,069			
Montana.....	1	1	2	205	109	77	13	90	169,088	96,200	45	1	46	1	1,471	1,471			
Idaho.....	3	2	5	2,931	2,407	54	19	73	188,728	156,729	15	3	18	1	1,300	687			
Wyoming.....	2	-	2	-	-	23	10	33	22,752	21,387	10	-	10	1	163	163			
Colorado.....	-	-	-	-	-	60	9	69	277,111	254,849	33	1	34	2	2,109	1,139			
New Mexico.....	1	-	1	309	309	24	10	34	46,821	35,634	3	-	3	1	37	37			
Arizona.....	-	-	-	-	-	15	10	25	165,762	146,504	2	1	3	1	820	510			
Utah.....	3	-	3	338	338	36	1	37	132,157	114,911	9	1	10	1	1,074	614			
Nevada.....	-	-	-	-	-	2	7	9	7,019	6,437	-	1	1	4	-	1			
Mountain.....	10	-	-	3,805	3,185	291	-	-	1,009,438	832,651	117	-	-	-	6,978	4,622			
Washington.....	6	1	7	8,352	6,136	104	11	115	481,062	361,061	32	2	34	3	3,516	2,188			
Oregon.....	4	1	5	4,703	1,495	53	10	63	309,557	251,029	30	2	32	3	3,182	2,004			
California.....	8	-	8	18,978	18,978	275	8	283	2,280,909	1,962,284	27	2	29	2	2,882	2,177			
Pacific.....	18	-	-	32,040	26,609	432	-	-	3,071,528	2,574,374	89	-	-	-	9,580	6,369			
Subtotal.....	130	-	-	68,534	60,116	5,399	-	-	18,371,558	14,799,960	2,262	-	-	-	213,485	156,418			
Alaska.....	-	-	-	-	-	2	-	2	(6)	(6)	1	-	1	1	(6)	(6)			
Hawaii.....	2	-	2	(6)	(6)	14	3	17	13,509	12,687	5	-	5	42	-	12			
Foreign.....	-	-	-	-	-	-	2	2	(6)	1,493	(6)	-	-	-	-	-	-		
UNITED STATES.....	132	-	-	68,534	60,116	5,415	-	-	18,386,560	14,814,140	2,268	-	-	-	213,527	156,430			

Continued--

See end of table for footnote references.

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾--Continued

Geographic regions and States	Containers and packaging supplies						Farm machinery and equipment						Feed						
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			
				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	
	Headquarters in State	Headquarters out of State	Total in State	Headquarters in State	Headquarters out of State	Total in State	Headquarters in State	Headquarters out of State	Total in State	Headquarters in State	Headquarters out of State	Total in State	Headquarters in State	Headquarters out of State	Total in State	Headquarters in State	Headquarters out of State	Total in State	
Maine.....	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.
New Hampshire.....	1	3	4	2,025	1,774	2	3	5	1,432	1,394	5	1	6	10,214	9,335				
Vermont.....	-	3	3	155	155	2	2	4	217	216	1	3	4	2,437	2,337				
Massachusetts.....	2	3	5	322	322	1	3	4	890	890	3	2	5	7,128	7,122				
Rhode Island.....	4	1	5	198	197	2	5	7	1,082	966	7	1	8	13,431	13,049				
Connecticut.....	-	1	1	7	7	-	2	2	99	99	-	2	2	870	861				
New England.....	3	2	5	116	116	4	1	5	890	890	8	3	11	20,456	20,297				
New York.....	10	-	-	2,823	2,571	11	-	-	4,610	4,455	24	-	-	54,536	53,001				
New Jersey.....	157	2	159	1,235	1,132	163	5	168	15,783	12,429	163	3	166	162,598	102,015				
Pennsylvania.....	27	1	28	1,314	1,309	13	4	17	1,728	1,613	14	1	15	24,552	21,851				
Middle Atlantic.....	41	3	44	1,215	1,211	30	7	37	6,211	5,547	35	2	37	49,214	49,023				
Ohio.....	225	-	-	3,764	3,652	206	-	-	23,722	19,589	212	-	-	236,364	172,889				
Indiana.....	16	3	19	699	628	77	3	80	9,183	5,360	162	3	165	61,223	38,355				
Illinois.....	3	-	3	83	12	37	8	45	5,913	4,955	100	3	103	48,280	31,337				
Michigan.....	16	1	17	368	309	74	6	80	8,846	3,218	228	4	232	77,471	52,270				
Wisconsin.....	17	4	21	1,951	835	33	5	38	2,707	2,223	90	4	94	29,520	23,183				
East North Central.....	17	2	19	707	441	99	7	106	13,643	9,489	226	6	232	70,190	57,888				
Minnesota.....	69	-	-	3,808	2,225	320	-	-	40,292	25,245	806	-	-	286,684	203,033				
Iowa.....	28	3	31	1,534	385	180	4	184	12,148	7,489	523	6	529	97,242	73,633				
Missouri.....	16	3	19	365	109	74	7	81	5,062	2,538	364	9	373	174,781	121,931				
North Dakota.....	9	3	12	537	139	41	4	45	10,785	7,864	150	4	154	104,100	60,568				
South Dakota.....	7	3	10	108	29	90	3	93	8,591	5,714	281	9	290	13,267	9,295				
Nebraska.....	4	2	6	44	18	57	4	61	3,823	2,049	179	9	188	28,275	23,750				
Kansas.....	6	5	11	226	72	85	7	92	6,120	4,958	251	8	259	51,828	32,064				
West North Central.....	5	2	7	115	70	70	5	75	4,632	3,080	240	7	247	71,162	51,671				
Delaware.....	75	-	-	2,929	822	597	-	-	51,161	33,692	1,988	-	-	540,655	372,912				
Maryland.....	1	3	4	60	60	-	2	2	138	138	6	2	8	4,072	3,217				
Virginia.....	5	1	6	130	128	6	2	8	1,093	1,069	25	2	27	21,084	15,438				
West Virginia.....	10	1	11	79	79	8	4	12	2,554	1,137	58	1	59	41,149	32,596				
North Carolina.....	1	-	1	2	2	2	1	3	20	20	21	1	22	7,303	5,378				
South Carolina.....	8	2	10	584	370	2	2	4	2,650	1,646	5	2	7	58,919	47,200				
Georgia.....	4	1	5	290	279	1	1	2	108	16	2	1	3	7,284	4,903				
Florida.....	2	1	3	784	17	14	1	15	6,997	808	54	1	54	48,466	31,837				
South Atlantic.....	17	-	17	29,669	3,182	10	1	11	1,532	790	13	1	14	10,738	9,553				
Arkansas.....	48	-	-	31,598	4,117	43	-	-	15,092	5,624	184	-	-	199,015	150,122				
Kentucky.....	4	-	4	9	9	8	1	9	591	591	47	2	49	20,166	14,820				
Tennessee.....	4	1	5	82	32	42	5	47	7,226	2,317	90	3	93	51,664	31,663				
Alabama.....	3	1	4	518	15	14	4	18	3,264	458	47	2	49	51,505	36,764				
Mississippi.....	31	1	32	1,089	1,053	29	2	31	3,041	1,012	61	3	64	33,089	12,020				
East South Central.....	42	-	-	1,698	1,109	93	-	-	14,122	4,378	245	-	-	156,424	95,267				
Arkansas.....	21	-	21	816	782	18	4	22	2,407	551	45	5	50	31,179	16,242				
Louisiana.....	16	1	17	252	252	14	3	17	915	266	39	4	43	12,141	6,647				
Oklahoma.....	55	2	57	1,284	791	30	2	32	1,589	1,102	132	6	138	25,093	18,563				
Texas.....	307	4	311	10,739	7,543	69	4	73	2,039	1,617	241	4	245	35,552	29,395				
West South Central.....	399	-	-	13,091	9,368	131	-	-	6,950	3,536	457	-	-	103,965	70,847				
Montana.....	1	1	2	1	1	35	1	36	2,652	1,329	61	4	65	6,825	5,832				
Idaho.....	8	2	10	48	48	13	6	19	1,244	1,244	18	6	24	6,873	5,853				
Wyoming.....	5	3	8	27	27	4	3	7	326	64	16	4	20	2,047	1,865				
Colorado.....	13	4	17	759	704	19	2	21	1,122	637	53	5	58	15,720	12,426				
New Mexico.....	18	1	19	620	420	1	2	3	122	116	5	3	8	1,443	921				
Arizona.....	3	4	7	3,237	875	1	1	2	219	219	3	-	3	3,315	1,774				
Utah.....	7	-	7	623	45	4	2	6	2,917	2,176	11	-	11	15,663	15,421				
Nevada.....	-	2	2	(7)	(7)	-	1	1	9	3	-	-	-	-	-	-	-	-	
Mountain.....	55	-	-	5,315	2,120	77	-	-	9,513	5,788	167	-	-	51,886	44,092				
Washington.....	14	1	35	8,383	5,041	41	4	45	8,842	5,944	66	3	69	33,909	32,826				
Oregon.....	7	3	10	957	598	23	7	30	6,766	5,483	31	4	35	24,884	22,002				
California.....	69	2	71	62,597	7,455	24	3	27	2,591	2,147	29	1	30	58,779	58,579				
Pacific.....	110	-	-	71,937	13,094	88	-	-	18,199	13,574	126	-	-	117,572	113,407				
Subtotal.....	1,033	-	-	136,963	39,078	1,566	-	-	183,661	115,881	4,209	-	-	1,747,101	1,275,570				
Hawaii.....	11	-	11	336	321	7	-	7	(6)	(6)	30	4	-	4	2,813	2,803			
Foreign.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNITED STATES....	1,044	-	-	137,299	39,399	1,574	-	-	183,711	115,911	4,214	-	-	1,749,914	1,278,373				

See end of table for footnote references.

Continued--

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾-Continued

Geographic regions and States	Fertilizer						Meats and groceries						Petroleum products					
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		
				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Head-quarters in State				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Head-quarters in State				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Head-quarters in State
	Head-quarters in State	Head-quarters out of State	Total in State				Head-quarters in State	Head-quarters out of State	Total in State			Head-quarters in State	Head-quarters out of State	Total in State		Head-quarters in State	Head-quarters out of State	Total in State
Maine.....	No. 8	No. 1	No. 9	\$1,100	\$1,100	No.	No. 2	No. -	No. 2	\$1,100	\$1,100	No.	No. 5	No. 3	No. 8	\$1,100	\$1,100	No.
New Hampshire.....	1	2	3	4,123	3,907		-	-	-	-	-		1	3	4	2,443	2,440	
Vermont.....	3	2	5	545	528		-	-	-	-	-		1	3	4	2,615	2,614	
Massachusetts.....	5	1	6	1,764	1,764		6	-	6	236	236		4	3	7	3,060	3,060	
Rhode Island.....	-	1	1	215	215		-	-	-	-	-		-	1	1	1,273	1,248	
Connecticut.....	7	3	10	1,907	1,875		-	-	-	-	-		3	2	5	918	918	
New England.....	24	-	-	11,197	10,912		9	-	-	519	519		18	-	-	11,865	11,836	
New York.....	167	3	170	38,249	19,886		7	-	7	47	47		19	3	22	65,831	61,508	
New Jersey.....	16	2	18	4,247	3,555		-	-	-	-	-		3	1	4	9,223	9,223	
Pennsylvania.....	38	3	41	12,754	12,644		2	-	2	6	6		10	3	13	29,220	28,806	
Middle Atlantic.....	221	-	-	55,250	36,085		9	-	-	53	53		32	-	-	104,274	99,537	
Ohio.....	162	5	167	33,627	18,527		7	1	8	548	548		101	1	102	46,265	29,036	
Indiana.....	101	2	103	48,378	22,660		6	-	6	465	465		88	1	89	66,925	46,357	
Illinois.....	178	3	181	120,734	45,568		22	1	23	885	885		106	2	108	96,205	59,371	
Michigan.....	91	4	95	18,315	12,333		17	2	19	4,497	3,707		68	3	71	27,087	13,433	
Wisconsin.....	216	4	220	36,760	21,159		112	3	115	14,396	8,389		212	5	217	104,114	61,078	
East North Central.....	748	-	-	257,814	120,247		164	-	-	20,791	13,994		575	-	-	340,596	209,275	
Minnesota.....	503	6	509	97,063	39,806		252	-	252	23,969	11,337		269	5	274	121,820	73,838	
Iowa.....	348	7	355	96,153	61,588		31	2	33	1,589	799		242	6	248	127,788	78,871	
Missouri.....	147	3	150	67,270	25,437		92	-	92	19,247	14,669		96	3	99	71,746	40,648	
North Dakota.....	319	6	325	20,293	13,490		27	1	28	2,354	2,354		174	5	179	56,597	36,943	
South Dakota.....	166	6	172	18,639	12,070		16	2	18	745	745		136	6	142	58,236	38,474	
Nebraska.....	243	6	249	45,352	30,673		21	1	22	5,398	5,398		203	6	209	82,857	52,817	
Kansas.....	235	2	237	49,337	34,440		23	-	23	3,490	3,490		225	1	226	112,211	54,845	
West North Central.....	1,961	-	-	394,107	217,504		462	-	-	56,792	38,792		1,345	-	-	631,255	376,436	
Delaware.....	6	3	9	2,340	1,609		-	-	-	-	-		1	2	3	1,847	1,432	
Maryland.....	25	4	29	11,985	8,241		2	-	2	18,002	18,002		6	2	8	13,058	10,779	
Virginia.....	57	4	61	35,114	16,752		8	-	8	4,672	4,672		16	2	18	16,703	12,246	
West Virginia.....	20	2	22	4,342	3,162		1	-	1	2	2		2	1	3	1,921	989	
North Carolina.....	7	3	10	22,947	14,633		4	-	4	1,400	1,400		2	2	4	11,011	6,985	
South Carolina.....	3	4	7	4,354	2,608		-	-	-	-	-		3	3	3	1,253	1,181	
Georgia.....	53	3	56	29,419	12,124		1	-	1	39	39		8	2	10	632	475	
Florida.....	38	3	41	17,132	14,519		-	-	-	-	-		3	2	5	1,157	1,152	
South Atlantic.....	209	-	-	127,633	73,648		16	-	-	24,115	24,115		38	-	-	47,582	35,239	
Kentucky.....	48	3	51	15,164	10,044		-	-	-	-	-		8	2	10	6,619	4,027	
Tennessee.....	91	3	94	39,562	17,428		1	-	1	4	4		90	3	93	15,175	7,186	
Alabama.....	48	4	52	40,341	19,569		1	-	1	1	1		9	5	14	4,690	4,631	
Mississippi.....	69	1	70	51,939	27,867		4	-	4	141	141		42	3	45	9,760	7,645	
East South Central.....	256	-	-	147,006	74,908		6	-	-	146	146		149	-	-	36,244	23,489	
Arkansas.....	60	4	64	23,070	11,647		5	-	5	192	192		46	4	50	15,681	9,920	
Louisiana.....	50	4	54	14,943	8,346		-	-	-	-	-		13	2	15	1,506	699	
Oklahoma.....	119	4	123	16,738	11,160		5	1	6	1,425	160		96	3	99	21,251	10,677	
Texas.....	193	3	196	19,805	13,516		10	-	10	484	484		126	2	128	15,331	10,163	
West South Central.....	422	-	-	74,556	44,669		20	-	-	2,101	836		281	-	-	53,769	31,459	
Montana.....	93	3	96	8,093	5,127		3	-	3	226	226		99	2	101	23,791	15,429	
Idaho.....	24	6	30	9,806	5,982		2	-	2	397	397		5	31	32	12,221	7,724	
Wyoming.....	12	2	14	1,503	910		1	-	1	55	55		14	2	16	4,235	2,579	
Colorado.....	53	2	55	9,589	5,395		2	-	2	150	150		45	1	46	17,572	12,295	
New Mexico.....	6	2	8	436	405		1	-	1	53	53		4	1	5	96	96	
Arizona.....	4	5	9	1,047	695		-	-	-	-	-		3	-	3	149	120	
Utah.....	14	2	16	4,544	2,070		3	-	3	178	178		14	1	15	2,687	1,898	
Nevada.....	-	2	2	41	29		-	-	-	-	-		1	1	1	11	3	
Mountain.....	206	-	-	35,059	20,613		12	-	-	1,059	1,059		205	-	-	60,762	40,144	
Washington.....	81	6	87	21,469	12,756		8	-	8	1,510	1,510		69	3	72	30,484	21,546	
Oregon.....	50	6	56	20,156	10,927		4	-	4	1,696	1,696		33	5	38	18,841	13,220	
California.....	101	1	102	33,856	28,996		7	-	7	116	116		25	2	27	2,675	1,976	
Pacific.....	232	-	-	75,481	52,679		19	-	-	3,322	3,322		127	-	-	52,000	36,742	
Subtotal.....	4,279	-	-	1,178,103	651,265		717	-	-	108,898	82,836		2,770	-	-	1,338,347	864,157	
Alaska.....	1	-	1	(6)	(6)		-	-	-	-	-		4	-	-	-	-	
Hawaii.....	14	-	14	1,505	791		-	-	-	-	-		4	-	-	52	42	
Foreign.....	-	2	2	(8)	6,176		-	-	-	-	-		-	-	-	-	-	
UNITED STATES....	4,294	-	-	1,185,784	657,004		717	-	-	108,898	82,836		2,774	-	-	1,338,399	864,199	

Continued--

See end of table for footnote references.

Table 9.—Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾—Continued

Geographic regions and States	Seed						Sprays and dusts (farm chemicals)						Miscellaneous supplies					
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales			Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		
				Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State	Total in State
	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.
Maine.....	5	1	6	706	647	7	2	9	1,658	1,546	6	5	11	2,341	2,217			
New Hampshire.....	1	2	3	162	154	-	2	2	197	186	3	4	7	613	605			
Vermont.....	3	2	5	497	495	3	2	5	558	556	5	4	9	2,138	2,136			
Massachusetts.....	6	1	7	725	683	4	2	6	966	874	7	4	11	3,975	3,329			
Rhode Island.....	-	1	1	58	58	-	1	1	68	68	-	3	3	235	235			
Connecticut.....	7	2	9	488	488	7	2	9	703	702	8	3	11	2,226	2,226			
New England.....	22	-	-	2,636	2,525	21	-	-	4,150	3,932	29	-	-	11,528	10,748			
New York.....	169	3	172	11,356	7,399	170	4	174	15,108	6,495	190	8	198	31,865	23,769			
New Jersey.....	14	2	16	1,279	1,096	17	4	21	1,690	1,377	18	3	21	5,097	3,838			
Pennsylvania.....	42	3	45	4,594	4,043	44	4	48	4,875	4,465	48	9	57	12,693	11,773			
Middle Atlantic.....	225	-	-	17,229	12,538	231	-	-	21,673	12,337	256	-	-	49,655	39,380			
Ohio.....	161	4	165	10,158	6,685	145	3	148	8,004	5,081	171	7	178	14,916	11,081			
Indiana.....	102	-	102	5,541	3,954	93	1	94	10,393	5,984	105	10	115	19,695	10,081			
Illinois.....	213	3	216	13,325	8,609	154	2	156	27,593	14,142	247	9	256	14,601	7,668			
Michigan.....	89	2	91	4,218	3,217	83	4	87	5,465	3,528	110	9	119	15,791	9,797			
Wisconsin.....	216	4	220	6,512	4,667	197	6	203	10,362	5,810	340	12	352	44,250	27,650			
East North Central	781	-	-	39,754	27,132	672	-	-	61,817	34,545	973	-	-	109,253	66,277			
Minnesota.....	445	2	447	10,340	7,676	440	4	444	13,818	8,915	665	9	674	66,201	27,586			
Iowa.....	335	5	340	14,464	9,419	293	6	299	25,007	14,799	381	11	392	22,842	13,961			
Missouri.....	140	2	142	11,544	6,386	106	3	109	14,673	4,623	148	5	153	34,409	11,322			
North Dakota.....	266	7	273	4,738	3,067	295	5	300	3,745	2,345	378	9	387	19,961	15,383			
South Dakota.....	165	6	171	2,706	2,013	162	5	167	4,150	2,412	240	9	249	14,039	10,558			
Nebraska.....	114	4	118	1,947	1,119	177	4	181	10,053	5,823	260	11	271	16,474	11,016			
Kansas.....	199	5	204	3,654	3,592	183	3	186	9,532	4,640	235	7	242	18,989	13,219			
West North Central	1,664	-	-	49,393	33,272	1,656	-	-	80,978	43,557	2,307	-	-	192,915	103,045			
Delaware.....	6	3	9	677	526	-	3	3	101	101	6	4	10	3,186	2,624			
Maryland.....	25	2	27	3,683	2,791	6	1	7	325	215	29	4	33	16,303	13,136			
Virginia.....	59	1	60	6,948	5,442	16	3	19	1,965	1,116	63	5	68	32,566	23,082			
West Virginia.....	20	1	21	1,399	1,060	2	-	2	6	6	23	4	27	6,993	5,729			
North Carolina.....	6	2	8	5,678	4,052	6	3	9	7,044	4,482	9	6	15	18,036	11,815			
South Carolina.....	3	2	5	1,069	740	4	2	6	1,316	910	4	4	8	3,047	1,899			
Georgia.....	52	-	52	4,071	2,710	47	1	48	4,670	2,256	45	3	48	12,290	3,405			
Florida.....	16	1	17	1,166	993	38	1	39	6,290	6,017	20	2	22	3,955	1,744			
South Atlantic.....	187	-	-	24,691	18,314	119	-	-	21,717	15,103	199	-	-	96,376	63,434			
Kentucky.....	46	1	47	4,333	3,392	9	1	10	337	336	47	5	52	19,812	16,300			
Tennessee.....	91	1	92	11,631	6,778	89	3	92	6,856	3,637	89	7	96	12,672	7,873			
Alabama.....	50	2	52	5,097	2,913	45	4	49	2,915	1,235	40	6	46	11,231	3,886			
Mississippi.....	62	2	64	7,650	4,706	66	3	69	20,250	15,624	63	5	68	7,723	4,181			
East South Central	249	-	-	28,711	17,789	209	-	-	30,358	20,832	239	-	-	51,438	32,240			
Arkansas.....	48	4	52	4,818	2,554	48	6	54	7,823	3,120	51	7	58	6,259	2,838			
Louisiana.....	40	5	45	3,764	2,713	36	4	40	3,041	1,803	36	3	39	2,481	1,697			
Oklahoma.....	126	5	131	2,784	2,468	85	4	89	2,732	959	106	6	112	7,826	4,386			
Texas.....	354	2	356	10,242	8,619	220	3	223	7,984	5,315	185	5	190	7,792	5,478			
West South Central	568	-	-	21,608	16,354	389	-	-	21,580	11,197	378	-	-	24,358	14,399			
Montana.....	45	4	49	966	525	91	2	93	1,423	833	118	2	120	11,281	9,359			
Idaho.....	21	4	25	1,760	1,509	24	5	29	2,221	1,281	31	6	37	4,504	3,594			
Wyoming.....	9	3	12	374	311	10	1	11	328	210	14	6	20	1,241	857			
Colorado.....	47	3	50	1,086	975	47	2	49	2,439	1,065	69	3	72	6,123	4,746			
New Mexico.....	8	4	12	121	95	5	2	7	40	40	6	3	9	262	262			
Arizona.....	6	1	7	277	217	4	1	5	569	406	4	3	7	4,411	2,566			
Utah.....	12	-	12	325	265	16	1	17	632	440	17	2	19	2,419	1,685			
Nevada.....	-	1	1	1	(7)	-	1	1	2	1	-	1	1	2	1	1	1	
Mountain.....	148	-	-	4,910	3,897	197	-	-	7,654	4,276	259	-	-	30,243	23,070			
Washington.....	47	2	49	3,442	3,380	83	5	88	10,402	7,907	89	4	93	9,196	7,187			
Oregon.....	35	4	39	2,871	2,365	48	6	54	5,981	4,371	49	8	57	10,198	7,274			
California.....	77	2	79	4,844	4,750	84	3	87	7,934	6,757	70	3	73	7,776	3,590			
Pacific.....	159	-	-	11,157	10,495	215	-	-	24,317	19,035	208	-	-	27,170	18,051			
Subtotal.....	4,003	-	-	200,089	142,316	3,709	-	-	274,244	164,814	4,848	-	-	592,936	370,644			
Alaska.....	1	-	1	(6)	(6)	-	-	-	-	-	1	-	1	(6)	(6)			
Hawaii.....	3	-	3	13	13	12	-	12	418	165	7	7	1	158	148			
Foreign.....	-	1	1	(8)	(8)	5	-	1	(7)	(7)	-	1	1	(7)	(7)			
UNITED STATES....	4,007	-	-	200,117	142,334	3,721	-	-	274,662	164,979	4,856	-	-	593,094	370,792			

See end of table for footnote references.

Continued--

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1969-70⁽³⁾--Continued

Geographic regions and States	Total supplies						Services			Total ⁽⁴⁾			
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		Estimated number of cooperatives handling ⁽⁴⁾		Estimated receipts ⁽⁵⁾	Estimated number of cooperatives in State	Estimated number of cooperatives doing business in State ⁽⁶⁾	Gross volume (includes intercooperative business)	Net volume (excludes intercooperative business)	
	Headquarters in State		Headquarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Headquarters in State	Headquarters out of State					
	No.	No.	No.	No.	\$1,000	\$1,000	No.	No.					
Maine.....	10	5	5	15	26,355	24,616	5	2	701	14	20	\$1,000	
New Hampshire.....	4	5	9		7,232	7,084	3	3	191	6	14	69,179	
Vermont.....	9	5	14		17,740	17,728	10	2	1,210	15	23	32,267	
Massachusetts.....	10	5	15		25,916	24,472	5	2	799	18	25	128,188	
Rhode Island.....	-	4	4		2,612	2,603	1	4	140	1	5	98,418	
Connecticut.....	12	5	17		29,492	29,300	7	4	867	19	26	12,276	
New England.....	45	-	-		109,347	105,803	31	-	-	73	-	422,655	
New York.....	206	12	218		364,123	251,487	175	5	180	8,557	315	1,147,705	
New Jersey.....	30	7	37		51,273	45,907	28	3	31	1,747	48	139,141	
Pennsylvania.....	69	13	82		128,961	124,686	62	5	67	5,027	126	533,336	
Middle Atlantic.....	305	-	-		544,357	422,080	265	-	-	15,331	476	-	
Ohio.....	192	14	206		193,380	120,635	183	8	191	12,316	214	941,297	
Indiana.....	111	13	124		222,739	138,128	107	12	119	7,944	117	624,338	
Illinois.....	325	13	338		370,013	199,959	276	7	283	15,859	361	1,425,677	
Michigan.....	134	13	147		117,400	78,216	106	6	112	4,752	160	654,416	
Wisconsin.....	374	15	389		306,326	200,534	357	7	364	11,259	565	1,419,074	
East North Central	1,136	-	-		1,209,858	737,472	1,029	-	-	52,130	1,417	-	
Minnesota.....	758	13	771		453,936	258,336	731	13	744	21,323	984	1,015	
Iowa.....	448	16	464		496,615	327,855	395	14	409	29,398	478	1,767,488	
Missouri.....	168	13	181		343,481	174,883	127	8	135	6,947	186	864,753	
North Dakota.....	439	12	451		138,738	97,704	370	9	379	10,642	495	629,893	
South Dakota.....	268	11	279		136,962	97,669	229	10	239	6,258	282	361,979	
Nebraska.....	332	18	350		228,463	149,178	283	14	297	13,337	346	740,819	
Kansas.....	275	12	287		281,744	174,306	266	10	276	25,541	283	801,664	
West North Central	2,688	-	-		2,079,939	1,279,931	2,401	-	-	113,446	3,054	-	
Delaware.....	8	6	14		12,618	9,904	1	2	3	116	8	21,953	
Maryland.....	32	6	38		86,129	70,231	13	2	15	822	42	171,396	
Virginia.....	77	8	85		145,922	99,111	31	3	34	2,642	120	326,157	
West Virginia.....	25	5	30		22,018	16,378	8	5	13	467	66	66,800	
North Carolina.....	20	8	28		132,709	94,580	20	4	24	1,983	38	353,450	
South Carolina.....	8	7	15		19,252	12,899	9	4	13	453	20	96,350	
Georgia.....	60	7	67		109,463	54,961	25	3	28	5,063	76	441,859	
Florida.....	53	5	58		72,344	38,655	41	3	44	27,704	96	675,985	
South Atlantic.....	283	-	-		600,455	396,719	148	-	-	39,250	466	-	
Kentucky.....	53	7	60		67,344	49,832	14	3	17	310	85	97	
Tennessee.....	98	9	107		151,305	82,200	89	5	94	1,090	127	278,299	
Alabama.....	55	9	64		120,109	69,952	34	3	37	1,212	67	207,440	
Mississippi.....	100	7	107		135,726	74,807	85	4	89	6,190	125	80,232	
East South Central	306	-	-		474,484	276,791	222	-	-	8,802	404	-	
Arkansas.....	73	12	85		96,055	49,733	58	8	66	10,030	106	127	
Louisiana.....	62	7	69		39,480	22,605	42	4	46	2,905	93	162,197	
Oklahoma.....	148	10	158		84,234	52,517	144	9	153	23,473	158	367,239	
Texas.....	444	12	456		111,504	82,879	427	6	433	41,121	501	971,522	
West South Central	727	-	-		331,273	207,734	671	-	-	77,529	858	-	
Montana.....	130	4	134		56,729	40,132	85	4	89	2,673	163	177	
Idaho.....	45	9	54		41,276	28,319	33	12	45	4,100	73	228,490	
Wyoming.....	19	8	27		10,299	7,041	16	5	21	359	31	139,005	
Colorado.....	77	8	85		56,669	39,532	70	5	75	3,803	94	234,104	
New Mexico.....	23	6	29		3,230	2,445	24	8	32	2,545	25	33,410	
Arizona.....	11	6	17		14,044	7,382	8	4	12	3,693	17	28,787	
Utah.....	28	4	32		31,062	24,792	19	-	19	1,233	50	52,596	
Nevada.....	-	3	3		70	38	-	2	2	23	3	40,624	
Mountain.....	333	-	-		213,379	149,681	255	-	-	18,429	456	-	
Washington.....	130	8	138		131,153	100,285	101	14	115	18,768	164	630,983	
Oregon.....	64	11	75		95,532	69,940	52	5	57	8,737	78	480,114	
California.....	174	5	179		184,050	116,543	163	3	166	34,601	321	413,826	
Pacific.....	368	-	-		410,735	286,768	316	-	-	62,106	563	-	
Subtotal.....	6,191	-	-		5,973,827	3,862,979	5,338	-	-	390,931	7,767	-	
Alaska.....	1	-	1		(6)	(6)	1	-	1	(6)	2	2,820	
Hawaii.....	17	-	17		5,387	4,325	14	-	14	239	21	19,135	
Foreign.....	-	3	3		6,191	(8)	-	1	1	(7)	5	17,251	
UNITED STATES...	6,209	-	-		5,985,405	3,872,257	5,353	-	-	391,170	7,790	-	

See next page for footnote references.

Footnotes to table 9.

¹ The volume of products marketed is allocated to the State in which they originate and the volume of farm supplies is allocated to the State in which they are sold.

² Includes independent local cooperatives, federations, and centralized cooperatives.

³ Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1969, through June 30, 1970, with limited exceptions.

⁴ The total number of cooperatives handling each commodity within a State may include only cooperatives headquartered in the State, only cooperatives headquartered in other States, or a combination of both. Number of cooperatives handling a commodity includes those performing specific services on the commodity, such as cotton ginning cooperatives, livestock trucking cooperatives, and rice- and fruit-drying cooperatives. (Income for these specific services is included with service receipts.)

⁵ Includes the value of commodities marketed by cooperatives under price support programs in 1969-70. Cooperative business volume is influenced by the extent to which patrons participate in these programs.

⁶ Included in the combined total dollar volume of all farm products marketed, farm supplies handled, and related services provided, in order not to reveal separate volume data for an individual association.

⁷ Less than \$500.

⁸ Includes value of marketing commodities imported or farm supplies exported.

⁹ Dollar volume for commodity allocated to States of origin.

¹⁰ Includes the volume of a statewide federation of county wool pools which is responsible for selling all wool in the pools. Payment is made by the federation to the pool manager who is responsible for payments to the individual wool growers.

¹¹ The volume of a Hawaiian sugar cooperative headquartered in California is included in the dollar volume of California.

¹² Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.

¹³ Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

¹⁴ These combined gross and net totals will not, in all cases, equal the sum of individual commodity totals or the sum of the totals for marketing, farm supplies, and related services, since some of the individual and group totals have been adjusted in order not to reveal volume data for individual associations.

¹⁵ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

¹⁶ Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual services.

Appendix

The following discussion of the methods used in classifying cooperatives for the annual survey should create a better understanding of the types of cooperatives covered in these statistics.

Classification of Cooperatives

Marketing, farm supply, and related service cooperatives are the basis of the 1969-70 survey of farmer cooperatives discussed in this report. Appendix table 1 shows additional information by geographic regions and States on the number, participation, and activity level of other types of service cooperatives—rural electric associations, production credit associations, rural credit unions, and other types of credit cooperatives as well as dairy herd improvement associations and dairy cattle artificial breeding associations. Previously data for these service cooperatives were reported only on a national basis. (A brief discussion of these other types of service cooperatives appears later in the appendix.)

Marketing cooperatives in this report included those associations whose primary business was marketing farm products for their patrons—that is, more than 50 percent of their total dollar volume was derived from the sale of farm products.

Marketing cooperatives were further classified according to which major commodity of 13 classifications was predominant (in terms of dollar volume) in each association's business. Farm supply cooperatives were those whose farm supply business accounted for more than 50 percent of their total dollar volume. The major functions of related service cooperatives were trucking, storing, drying, or similar services related to marketing or farm supply activities.

Many cooperatives handle more than one commodity and provide both marketing and farm supply facilities, as well as facilities and equipment for performing related services such as storing, drying, and

trucking. Such associations were classified according to the predominant commodity or function as indicated by their business volumes.

Marketing, farm supply, and related service cooperatives were also classified according to organizational structures:

Local Association

A local association provides cooperative services in a local area or community, a county, or even several counties. Individual farmers are the members of these local cooperatives. Local associations usually perform a limited number of the first steps involved in marketing. In the case of farm supply associations, practically all sales are at the retail level. Local associations may or may not be affiliated with other cooperatives.

Regional Association

A regional cooperative serves a district consisting of a number of counties, or, in some cases, a number of States. Types of associations classified as regional for purposes of this report are as follows:

1. All federated cooperatives. These are cooperative organizations whose membership is composed of two or more local associations organized to market farm products or purchase production supplies for their patrons. Individual farmers are not members of strictly federated associations, but are members of the local associations that comprise the federation. Regional federations may be members of other federated associations.

2. Centralized associations usually serving a multicounty area. A regional centralized association is structurally like a small-scale local association in that individual farmers make up the membership. In a strictly centralized regional cooperative, there are no autonomous local associations.

3. Cooperatives with large volumes that are neither strictly federated nor strictly centralized, as their members include both local cooperatives and individual farmers.

4. Some associations with small business volumes that market farm products for, or sell production supplies to, both local associations and individual producers, or do business in more than one State.

5. Bargaining associations. These associations derive all or a major portion of their business volume from negotiating with distributors, processors, and other buyers and sellers over price, quantities, grade, terms of sale, and other factors involved in marketing farm products or purchasing farm supplies. While the primary function of such an association is to bring buyers and sellers together to contract for the sale of members' products or to purchase members' supplies, many bargaining associations now perform additional functions. For example, dairy bargaining associations at one time generally performed only price negotiation. Now, however, many of these associations perform additional functions, such as physically handling a portion of the milk and making spot sales for their patrons. Bargaining associations, like other dairy marketing cooperatives, represent their members at Federal or State milk order hearings.

Readers who wish to make comparisons from year to year in specific commodity groups should keep in mind the differences in classification between State and national data. For example, State agencies frequently publish directories that include credit, electric, and other types of service cooperatives not directly related to marketing farm products or purchasing production supplies.

Cooperatives may operate in a specific State for a considerable period of time before they are included in the national survey. This may be due to one of the following reasons: (1) Farmer Cooperative Service may not learn of the existence of the cooperative immediately, or (2) the cooperative may not have completed and returned the initial questionnaire sent to it by Farmer Cooperative Service.

For inclusion in the annual survey, a cooperative is defined as one which meets the following requirements:

(1) Farmers or agricultural producers hold the controlling interest in the cooperative; (2) no member of the cooperative is allowed more than one vote because of the amount of stock or membership capital he owns therein, or the cooperative does not pay dividends on stock or membership capital in excess of 8 percent a year; and (3) the cooperative does not deal in products of nonmembers in an amount greater in value than it handles for its members.

For many years, the national survey has been classifying cooperatives according to the predominant commodity in each cooperative's business volume. If a cooperative consistently indicates that it is handling a larger volume of a commodity than the one it was originally organized to handle and which provided the basis for its initial classification in the national survey, this cooperative is reclassified into the commodity group currently representing the predominant product in its business volume. This practice differs from that followed in many State surveys in which cooperatives are classified according to the commodity groups they were originally organized to handle.

The 1950-51 survey was the first annual survey in which cooperatives furnish data by individual commodities handled and services performed.⁴ Regional cooperatives were asked to furnish information on memberships and business volumes for the individual States they served in 1950-51. For the first time, it was possible to discontinue the former practice of crediting all memberships and business to the State in which each regional association maintained its headquarters. This was the beginning of more realistic figures for States in geographic areas where regional cooperatives were of major importance in cooperative activities.

⁴ A detailed discussion of the revisions initiated in statistical methods in 1950-51 was given in Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives, 1950-51, U.S. Dept. Agr., Farm Credit Admin., Misc. Rpt. 169, pp. 1-3.

Appendix table 1.--Number, participation, and level of activity of service cooperatives, by regions, States, and specified years

GEOGRAPHIC REGIONS AND STATES	FEDERAL LAND BANKS ¹⁾ (For year ended June 30, 1970)			PRODUCTION CREDIT ASSOCIATIONS ¹⁾ (For year ended June 30, 1970)			BANKS FOR COOPERATIVES ¹⁾ (For year ended June 30, 1970)		
	COOPERATIVES	MEMBERS	LOANS MADE DURING YEAR \$1,000	COOPERATIVES	STOCKHOLDERS	LOANS MADE DURING YEAR \$1,000	MEMBERS	LOANS MADE DURING YEAR \$1,000	
				No.	No.	No.	No.	No.	
Maine	2	478	1,507	2	1,396	15,906	6	3,489	
New Hampshire	(2)	249	460	(2)	553	3,704	-	-	
Vermont	2	1,151	3,025	2	2,323	22,198	3	822	
Massachusetts	(2)	848	1,236	(2)	1,192	7,410	7	26,292	
Rhode Island	(2)	143	337	(2)	186	2,255	-	-	
Connecticut	1	832	2,169	1	1,544	14,164	2	700	
New England	5	3,701	8,734	5	7,194	65,637	18	31,303	
New York	13	7,056	17,161	13	14,927	142,342	90	27,508	
New Jersey	3	1,261	7,363	3	1,823	20,529	7	437	
Pennsylvania	10	4,432	12,986	10	12,886	76,826	18	27,680	
Middle Atlantic	26	12,759	37,510	26	29,636	239,697	115	55,625	
Ohio	21	11,391	21,636	11	29,475	204,060	113	40,067	
Indiana	26	16,571	27,628	10	23,852	235,419	90	50,740	
Illinois	28	16,919	29,983	17	19,381	265,500	148	72,409	
Michigan	14	15,519	34,595	8	13,785	118,204	50	27,798	
Wisconsin	15	11,510	26,073	17	27,152	288,095	138	22,969	
East North Central	104	71,910	139,915	63	113,645	1,111,278	539	213,983	
Minnesota	22	21,184	28,510	20	18,151	334,934	271	240,002	
Iowa	28	22,800	41,120	16	11,311	441,623	271	110,074	
Missouri	22	13,888	18,576	13	22,658	246,243	36	81,982	
North Dakota	12	9,503	23,634	5	10,962	154,890	121	3,984	
South Dakota	18	13,258	13,861	9	5,779	177,500	29	3,704	
Nebraska	22	14,956	20,955	14	8,529	374,735	88	24,220	
Kansas	23	17,968	28,852	14	5,963	307,308	210	154,624	
West North Central	147	113,557	175,512	91	83,353	2,037,233	1,026	618,590	
Delaware	1	502	4,019	1	1,351	10,358	2	-	
Maryland	5	1,847	11,517	6	4,791	39,033	14	980	
Virginia	11	4,775	20,375	12	11,313	55,165	29	19,612	
West Virginia	3	1,124	1,118	3	2,661	8,338	8	25	
North Carolina	15	15,854	37,047	18	44,197	142,186	11	13,431	
South Carolina	9	7,041	26,472	11	17,373	78,170	6	358	
Georgia	15	15,381	57,106	22	25,698	183,844	34	93,790	
Florida	7	4,080	27,998	9	7,431	138,881	38	93,938	
South Atlantic	66	50,604	185,652	82	114,815	655,975	142	222,134	
Kentucky	14	7,229	17,092	9	28,554	176,836	9	10,866	
Tennessee	17	9,626	20,373	9	27,133	178,477	79	42,317	
Alabama	13	11,702	15,569	8	9,041	76,047	27	14,955	
Mississippi	12	9,093	23,979	10	15,564	153,208	111	48,288	
East South Central	56	37,650	77,013	36	80,292	584,568	226	116,426	
Arkansas	11	6,026	10,921	14	17,858	275,160	65	69,936	
Louisiana	11	6,600	25,981	8	10,471	114,105	48	150,586	
Oklahoma	14	8,820	21,984	14	8,113	296,177	115	87,046	
Texas	68	36,372	58,078	34	22,216	759,872	186	188,571	
West South Central	104	57,818	116,964	70	58,658	1,445,314	414	496,139	
Montana	13	6,228	23,792	11	6,145	177,945	27	1,062	
Idaho	13	9,113	24,967	5	6,254	173,666	20	4,680	
Wyoming	3	2,158	3,817	1	630	55,188	4	117	
Colorado	13	7,075	19,753	8	4,278	322,144	95	6,820	
New Mexico	7	2,014	7,594	5	1,827	100,353	13	1,616	
Arizona	1	991	2,974	2	705	38,447	7	2,185	
Utah	5	2,218	4,343	2	1,368	53,710	8	13,177	
Nevada	1	385	1,579	1	124	6,249	1	3)	
Mountain	56	30,182	88,819	35	21,331	927,702	175	29,657	
Washington	10	6,305	22,844	6	4,108	76,940	61	42,271	
Oregon	13	4,983	33,908	8	5,488	203,645	36	77,239	
California	28	12,686	66,342	23	9,337	363,894	120	193,928	
Pacific	51	23,974	123,094	37	18,933	644,479	217	313,438	
Subtotal	615	402,155	953,213	445	527,857	7,711,883	2,872	2,097,295	
Alaska	(2)	51	110	-	-	-	1	50	
Hawaii	(2)	39	2,200	-	-	-	-	-	
Puerto Rico	1	2,663	3,749	1	1,585	30,392	6	7,741	
GRAND TOTAL	616	404,908	959,272	446	529,442	7,742,275	2,879	2,105,086	

See end of table for footnote references.

Continued----

Appendix table 1.--Number, participation, and level of activity of service cooperatives, by regions, States and specified years--Continued

GEOGRAPHIC REGIONS AND STATES	RURAL CREDIT UNIONS ⁽⁴⁾ (For year ended December 31, 1969)			RURAL ELECTRIC COOPERATIVES ⁽⁵⁾ (For year ended December 31, 1969)			RURAL TELEPHONE COOPERATIVES ⁽⁵⁾ (For year ended December 31, 1969)				
	COOPERATIVES		MEMBERS	COOPERATIVES		MEMBERS (CONSUMERS)	REVENUE	COOPERATIVES		MEMBERS (SUBSCRIBERS)	REVENUE
	No.	No.	\$1,000	No.	No.	\$1,000	No.	No.	No.	No.	\$1,000
Maine	8	5,555	2,174	3	7,742	1,161	-	-	-	-	-
New Hampshire	3	1,559	965	1	27,513	3,921	-	-	-	-	-
Vermont	16	6,978	2,834	3	9,562	2,035	-	-	-	-	-
Massachusetts	7	11,074	14,284	-	-	-	-	-	-	-	-
Rhode Island	1	685	424	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-	-	-
New England	35	25,851	20,681	7	44,817	7,117	-	-	-	-	-
New York	7	19,398	1,038	5	6,658	1,233	-	-	-	-	-
New Jersey	-	-	-	1	4,269	526	-	-	-	-	-
Pennsylvania	5	2,188	1,099	12	102,802	14,949	-	-	-	-	-
Middle Atlantic	12	21,586	2,137	18	113,729	16,708	-	-	-	-	-
Ohio	4	781	240	25	150,202	29,449	5	3,491	293	-	-
Indiana	26	15,940	20,355	40	205,770	41,463	9	14,099	1,514	-	-
Illinois	10	7,937	4,405	29	152,687	42,418	7	18,839	2,358	-	-
Michigan	46	41,723	23,619	15	118,709	22,613	-	-	-	-	-
Wisconsin	76	63,265	35,745	30	110,585	44,447	11	19,550	2,291	-	-
East North Central	162	129,646	84,364	139	737,953	180,390	32	55,979	6,456	-	-
Minnesota	71	60,221	39,306	53	274,064	77,739	18	39,026	4,182	-	-
Iowa	10	3,100	1,499	52	145,434	53,760	29	33,831	3,731	-	-
Missouri	8	1,104	321	47	295,649	73,353	8	36,652	4,080	-	-
North Dakota	61	33,377	23,360	24	69,537	33,314	10	38,836	6,906	-	-
South Dakota	10	3,550	1,039	34	79,110	25,258	14	26,386	3,334	-	-
Nebraska	9	4,026	1,931	4	7,001	10,702	7	11,111	1,331	-	-
Kansas	57	40,565	30,764	37	101,645	29,715	11	36,247	4,463	-	-
West North Central	226	145,943	98,220	251	972,440	303,841	97	222,089	28,027	-	-
Delaware	-	-	-	1	16,611	2,750	-	-	-	-	-
Maryland	2	478	88	2	54,155	11,320	-	-	-	-	-
Virginia	2	370	56	16	145,221	25,040	4	6,572	746	-	-
West Virginia	2	1,069	488	1	2,691	289	1	647	83	-	-
North Carolina	18	11,595	3,642	31	273,809	40,428	9	35,883	3,660	-	-
South Carolina	-	-	-	22	187,610	33,294	6	37,213	4,448	-	-
Georgia	3	512	76	40	375,273	55,814	4	11,828	1,215	-	-
Florida	4	1,897	928	15	164,991	32,826	-	-	-	-	-
South Atlantic	31	15,921	5,278	128	1,220,361	201,761	24	92,143	10,152	-	-
Kentucky	3	854	472	28	290,307	65,400	8	40,199	4,133	-	-
Tennessee	2	251	71	21	350,671	66,053	7	44,811	4,952	-	-
Alabama	4	3,819	1,138	22	215,447	35,782	3	10,320	1,086	-	-
Mississippi	6	664	153	23	280,021	46,304	-	-	-	-	-
East South Central	15	5,588	1,834	94	1,136,446	213,539	18	95,330	10,171	-	-
Arkansas	3	1,552	382	20	171,858	40,125	2	3,357	349	-	-
Louisiana	11	4,586	1,499	13	165,832	27,824	-	-	-	-	-
Oklahoma	2	1,930	612	27	177,931	41,961	2	20,747	3,295	-	-
Texas	19	12,043	6,305	78	481,563	96,801	20	41,116	5,958	-	-
West South Central	35	20,111	8,798	138	997,184	206,711	24	65,220	9,602	-	-
Montana	33	16,976	8,924	24	54,568	12,696	10	17,614	4,514	-	-
Idaho	19	6,629	3,019	9	22,626	5,095	3	4,968	766	-	-
Wyoming	3	962	38	15	32,396	13,046	1	646	112	-	-
Colorado	28	13,909	6,550	25	108,597	46,305	4	6,678	949	-	-
New Mexico	13	2,249	363	17	72,357	22,608	5	3,780	826	-	-
Arizona	9	4,399	1,019	8	29,687	10,356	1	751	227	-	-
Utah	14	4,302	1,258	5	6,813	3,779	3	2,793	468	-	-
Nevada	3	1,757	45	2	2,159	1,233	-	-	-	-	-
Mountain	122	51,183	21,216	105	329,203	115,118	27	37,230	7,862	-	-
Washington	8	5,332	3,017	9	26,628	6,968	-	-	-	-	-
Oregon	5	1,102	436	13	46,738	12,277	7	9,119	1,454	-	-
California	47	22,875	14,526	4	6,718	1,528	-	-	-	-	-
Pacific	60	29,309	17,979	26	80,084	20,773	7	9,119	1,454	-	-
Subtotal	698	445,138	260,507	906	5,632,217	1,265,958	229	577,110	73,724	-	-
Alaska	2	1,283	438	11	41,934	17,494	2	2,973	632	-	-
Hawaii	13	21,760	18,040	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	713	468,181	278,985	917	5,674,151	1,283,452	231	580,083	74,356	-	-

See end of table for footnote references.

Continued --

Appendix table 1.--Number, participation, and level of activity of service cooperatives, by regions, States, and specified years--Continued

GEOGRAPHIC REGIONS AND STATES	FARMER MUTUAL FIRE INSURANCE ⁽⁶⁾ (For year ended December 31, 1970)			DAIRY HERD IMPROVEMENT ⁽⁷⁾ (As of January 1, 1970)			DAIRY CATTLE ARTIFICIAL BREEDING ⁽⁸⁾ (For year ended December 31, 1969)		
	COOPERATIVES	PREMS., ASSESS., & FEES	LOSSES PAID	COOPERATIVES ⁽⁹⁾	MEMBERS ⁽¹⁰⁾ (HERDS)	COWS TESTED	COOPERATIVES ⁽¹¹⁾	MEMBERSHIPS (HERDS SERVICED)	ESTIMATED COWS BRED
	No.	\$1,000	\$1,000	No.	No.	No.	No.	No.	No.
Maine	15	516	262	12	367	18,533	-	-	39,119
New Hampshire	7	919	487	9	199	10,619	-	-	17,741
Vermont	4	2,828	1,676	27	695	38,147	-	-	91,519
Massachusetts	-	-	-	10	398	19,248	-	-	27,362
Rhode Island	-	-	-	2	32	1,852	-	-	2,500
Connecticut	-	-	-	7	381	23,699	-	-	40,480
New England	26	4,263	2,425	67	2,072	112,098	-	-	218,721
New York	73	9,134	4,913	49	3,493	193,257	1	-	500,017
New Jersey	4	694	335	8	342	22,167	-	-	34,989
Pennsylvania	93	5,844	3,550	61	3,281	150,493	2	-	366,527
Middle Atlantic	170	15,672	8,798	118	7,116	365,917	3	-	901,533
Ohio	67	7,250	5,501	71	1,912	88,516	2	-	245,952
Indiana	57	3,422	1,940	52	918	47,681	-	-	12,631
Illinois	159	5,241	3,068	51	1,238	56,407	-	-	108,697
Michigan	12	1,097	614	55	1,470	79,676	1	-	179,890
Wisconsin	142	9,867	6,206	41	3,065	140,258	3	-	874,513
East North Central	437	26,877	17,329	270	8,603	412,538	6	-	1,421,683
Minnesota	135	11,893	7,066	77	3,291	119,456	1	-	427,013
Iowa	128	13,377	8,171	71	1,652	61,536	-	-	93,555
Missouri	(9)	(9)	(9)	41	567	31,366	-	-	78,211
North Dakota	25	893	360	12	148	6,013	-	-	19,573
South Dakota	45	941	628	18	143	5,600	-	-	17,073
Nebraska	35	1,797	964	29	410	20,000	-	-	24,720
Kansas	5	701	466	56	794	40,266	1	-	101,937
West North Central	373	29,602	17,655	304	7,005	284,237	2	-	762,082
Delaware	2	29	15	3	80	4,913	-	-	8,300
Maryland	8	905	390	16	616	42,196	1	-	67,870
Virginia	32	1,892	921	38	908	64,272	1	-	88,540
West Virginia	12	997	482	12	186	10,215	-	-	22,224
North Carolina	28	2,426	1,154	39	757	54,146	-	-	14,131
South Carolina	8	368	146	24	271	28,842	-	-	20,204
Georgia	11	520	421	29	360	33,770	-	-	12,509
Florida	-	-	-	11	93	22,235	-	-	73,374
South Atlantic	101	7,137	3,529	172	3,271	260,589	2	-	307,152
Kentucky	12	775	476	31	506	25,230	-	-	85,830
Tennessee	25	1,370	854	40	480	31,363	3	-	66,087
Alabama	2	5,573	1,468	21	299	33,078	-	-	11,582
Mississippi	-	-	-	20	277	22,898	1	-	55,312
East South Central	39	7,718	2,798	112	1,562	112,569	-	-	218,811
Arkansas	9	837	546	11	96	5,411	-	-	2,001
Louisiana	-	-	-	24	114	10,789	-	-	88,200
Oklahoma	2	991	318	16	331	22,526	1	-	4,042
Texas	25	496	192	23	316	30,564	-	-	89,630
West South Central	36	2,324	1,056	74	857	69,290	1	-	183,873
Montana	10	333	145	6	77	5,228	-	-	20,559
Idaho	6	513	361	28	447	24,902	-	-	27,200
Wyoming	2	42	40	3	24	1,558	-	-	5,490
Colorado	5	1,491	592	16	246	18,171	-	-	18,916
New Mexico	-	-	-	3	31	11,641	-	-	10,129
Arizona	-	-	-	4	64	13,785	-	-	318
Utah	-	-	-	17	393	21,130	1	-	29,850
Nevada	-	-	-	3	54	3,743	-	-	2,011
Mountain	23	2,379	1,138	80	1,336	100,158	1	-	114,473
Washington	2	42	58	23	640	49,423	1	-	68,067
Oregon	-	-	-	15	329	25,255	-	-	45,477
California	2	581	203	28	1,493	324,563	-	-	61,216
Pacific	4	623	261	66	2,462	399,241	1	-	174,760
Subtotal	1,209	96,595	54,989	1,263	34,284	2,116,637	20	-	4,303,088
Alaska	-	-	-	2	5	193	1	-	329
Hawaii	-	-	-	1	12	4,174	-	-	-
Puerto Rico	-	-	-	1	7	1,007	1	-	38,622
GRAND TOTAL	1,209	96,595	54,989	1,267	34,308	2,122,011	22	-	4,342,039

See next page for footnote references.

Footnotes to appendix table 1.

¹ Farm Credit Administration.

² Listed by location of cooperative headquarters.

³ No loans made during this period.

⁴ Credit Union National Association, Inc. Some figures are estimated.

⁵ Rural Electrification Administration, USDA.

⁶ Compiled from data published by State Insurance Commission and the American Mutual Insurance Alliance. When 1970 data for individual mutuals were not available, estimates were based on prior year's reports.

⁷ Agricultural Research Service, USDA.

⁸ Official DHI (includes Dairy Herd Improvement Registry).

⁹ Data not available.

¹⁰ Latest available reports are for January 1, 1969.

Other Service Cooperatives

As mentioned earlier, other types of service cooperatives were included in the 1969-70 survey besides those directly related to marketing and farm supply purchasing. These other types of service cooperatives are discussed below:

Federal Land Bank Cooperatives

For the fiscal year ended June 30, 1970, there were 616 Federal land bank associations throughout the United States with a membership of almost 405,000. These associations made loans of \$959.3 million to their farmer members during the year.

Texas led all other States, with 11.1 percent of the total number of associations and 9 percent of total members. California ranked first with 6.9 percent of total loans made, and Texas second, with 6.1 percent.

The West North Central region accounted for 24 percent of total associations and 28 percent of total members. The South Atlantic region made almost 20 percent of total loans.

Production Credit Associations

During the year ended June 30, 1970, 446 production credit associations made loans of \$7.7 billion to their 529,442 stockholders.

Texas was a leader again with more than 7 percent of total associations and almost 10 percent of loans made. North Carolina led in number of stockholders with slightly more than 8 percent of the total.

The South Atlantic region accounted for almost 22 percent of association stockholders. More than 8 percent of total loans were made in this region.

Twenty percent of the associations were located in the West North Central region.

Banks for Cooperatives

Thirteen banks for cooperatives made loans of \$2.1 billion to their 2,879 agriculturally oriented member cooperatives during the fiscal year ended June 30, 1970.

Almost 36 percent of total members were located in the West North Central region, which also accounted for 29 percent of all loans made. Minnesota and Iowa combined held more than half the memberships in this region as well as more than half the loans.

Rural Credit Unions

At the close of 1970, rural credit unions in the United States numbered 713, with 468,181 members holding share savings of \$279 million.

Almost 11 percent of the total associations and over 13 percent of the total members were in Wisconsin. Minnesota was highest in total share savings with 14 percent.

Rural Electric Cooperatives

As of December 31, 1969, 917 rural electric cooperatives reported 5.7 million consumer members, and revenue during the year of almost \$1.3 billion.

With 8.5 percent of total associations, 8.5 percent of total consumer memberships, and 7.5 percent of total revenue, Texas again led all other States.

More than a fourth of the cooperatives were located in the West North Central region. This region also accounted for approximately a fourth of total revenue received. Consumer memberships were highest in the South Atlantic region, with almost 22 percent of the total.

Rural Telephone Cooperatives

As of December 31, 1969, 231 rural telephone cooperatives, with revenue of \$74.3 million, had 580,083 subscriber members. These cooperatives were all financed by the Rural Electrification Administration (REA).

The West North Central region again accounted for more cooperatives (42 percent), subscriber members (38 percent); and revenue (38 percent) than any other region. Nearly half the telephone cooperatives in this region were in Iowa and Minnesota.

Tennessee, Texas, and Kentucky each had 7 percent or more of total subscriber memberships, with North

Dakota accounting for more than 9 percent of total revenue.

Farmer Mutual Fire Insurance Cooperatives

During 1970, 1,209 farmer mutual fire insurance cooperatives received \$96.6 million in premiums, assessments, and fees and paid \$55.0 million in losses.

The East North Central and West North Central regions combined represented 67 percent of total cooperatives; 59 percent of total net premiums, assessments, and fees received; and 64 percent of total net losses paid. In these two regions, Illinois accounted for more than 13 percent of the total cooperatives, while Iowa was credited with 14 percent of total net premiums, assessments, and fees received, and 15 percent of total net losses paid.

Dairy Herd Improvement Cooperatives

There were 1,267 dairy herd improvement cooperatives at the beginning of 1970. Memberships numbered 34,308, and cows tested totaled 2.1 million.

More than a fourth of the participants were located in the East North Central region. This region also accounted for almost a fifth of the total number of cows tested.

Six percent of the total cooperatives were in Minnesota; New York, Minnesota, and Pennsylvania combined accounted for almost 30 percent of total members or herds. Fifteen percent of the tested cows were in California.

Dairy Cattle Artificial Breeding Cooperatives

As of December 31, 1969, there were 22 cooperative artificial breeding associations in the United States; 14 percent were located in Wisconsin and 14 percent in Tennessee. These 22 cooperatives represented an estimated 4.3 million cows bred. Wisconsin led with 20 percent of the national total.

More than 27 percent of the cooperatives and 33 percent of the estimated total cows bred were located in the East North Central region.

OTHER FCS PUBLICATIONS AVAILABLE

Legal Phases of Farmer Cooperatives. FCS Information 66.

Cooperatives in Agribusiness. Educational Circular 33.

Members Make Co-ops Go. FCS Information 72.

Frozen Food Locker Cooperatives With and Without Slaughtering Facilities:
Production and Performance. FCS Research Report 14.

A Supply Cooperative—As Farmers See It. Research Report 12.

Cooperatives—Now and In the Future (Revised). FCS Information 62.

A copy of each of these publications may be obtained while a supply is
available from—

Farmer Cooperative Service
U.S. Department of Agriculture
Washington, D.C. 20250